Canon

Windows

Image Viewing, Organizing and Editing Software

ZoomBrowser EX

Ver. 6.7

Instruction Manual

- In this manual, ZB is used for ZoomBrowser EX.
- In this manual, the screens used in the basic operation instructions are from Windows 7, with some portions using screens from other versions of Windows.
- Click on the icons below on the bottom right of the screen to switch between pages.

  : Go to next page : Go to previous page

  : Return to a page you had previously displayed
- Click on the chapter headings on the right side of the screen to switch to the contents page of each chapter.

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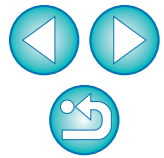

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Introduction

Main Features of ZB

- **Download images to your computer**
- **Check images**
- **Print images**
- **Organize images**
- **Edit images**
  - Adjust images
  - Trim images
  - Insert text
  - Correct red-eye
- **Utilize images**
  - Attach an image to an e-mail
  - Create wallpaper or a screen saver
- **Convert images**
  - Change image size and type
- **Play Movies**
- **Use your images with CANON iMAGE GATEWAY**

Symbols Used

▶ : Selection procedure for menus that appear on the computer screen

[ ] : Names of items and menus, buttons, windows, etc. that appear on the computer screen

< >: Camera switch name or icon, or a keyboard key name

p.** : Reference page (jump to page by clicking)

? : Help

: Tip

: Important information

: Helpful information

Makeup of Each Chapter

Chapter 1 Basic Operation

- Starting up and exiting ZB
- Downloading images to your computer
- Checking images
- Playing movies
- Printing images

Chapter 2 Advanced Operation

- Efficient checking of images
- Organizing images
- Editing images
- Editing movies
- Utilizing images
- Index printing

Chapter 3 High-Level Functions

- Checking images with high-level functions
- Organizing images with high-level functions
- Advanced image editing
- Printing with other software

Chapter 4 Preferences

- Settings for all functions

Chapter 5 Using Images on the Internet

- Using your images with CANON iMAGE GATEWAY

Reference

- Solving problems
- Uninstalling ZB
- System requirements
- Supported images
- Lists of primary window functions

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1 Basic Operation

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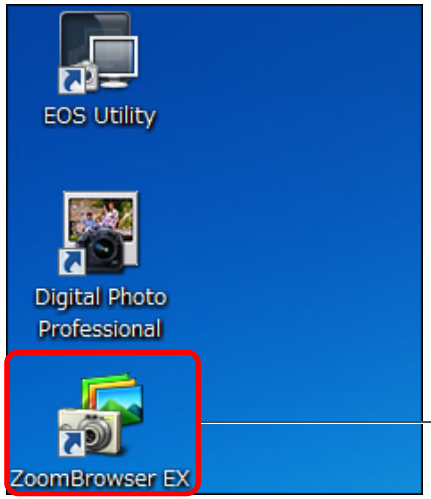
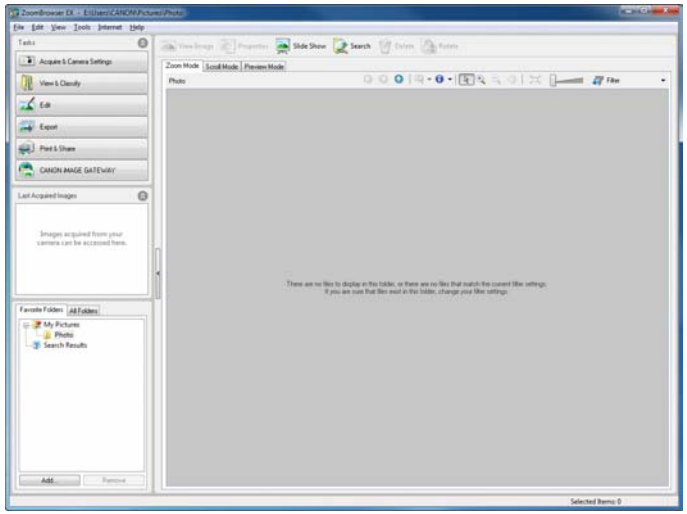
Starting up ZB

Double-click the desktop icon.



➜ZB starts up and the main window appears.

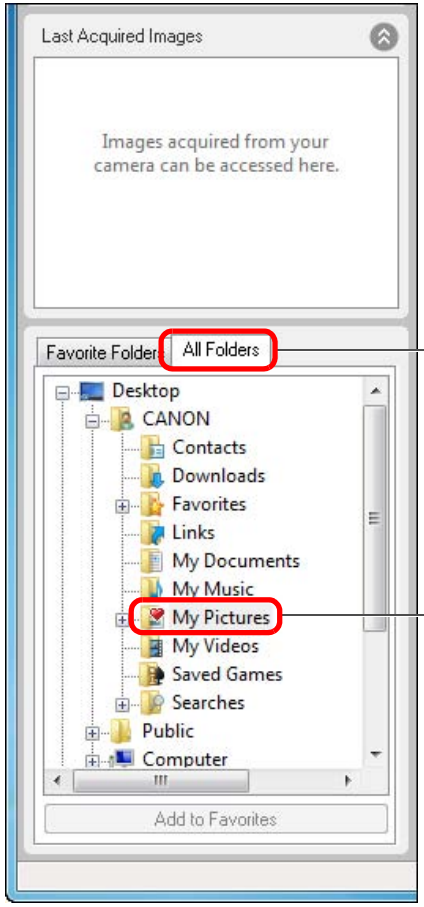
Main window



Downloading an Image to Your Computer

Connect the camera and computer with the cable provided and download the images saved on the memory card inserted in the camera. For downloading images, start up the camera software “EOS Utility” from ZB and use.

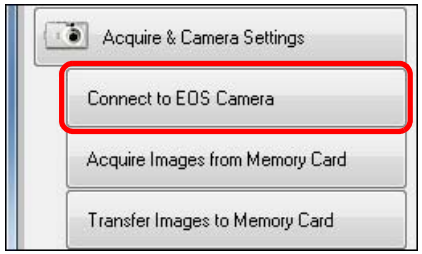
1 Select the save destination for the images.



● When creating a folder, refer to p.27.

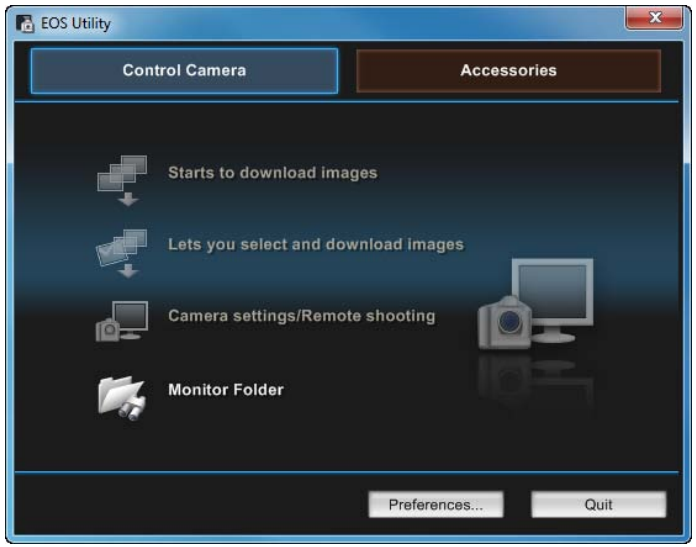
2 Start up EOS Utility.

- Click the buttons [Acquire & Camera Settings] ▶ [Connect to EOS Camera].



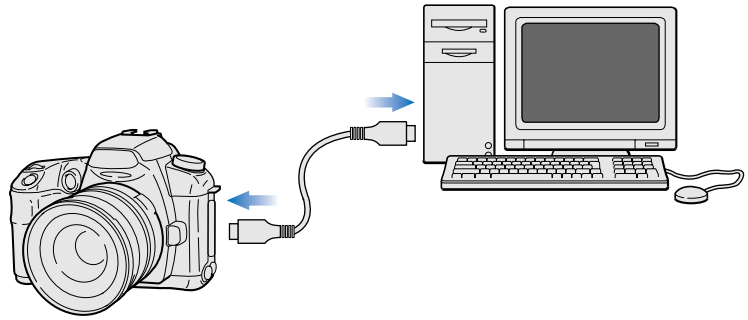
➜EOS Utility starts up.

EOS Utility

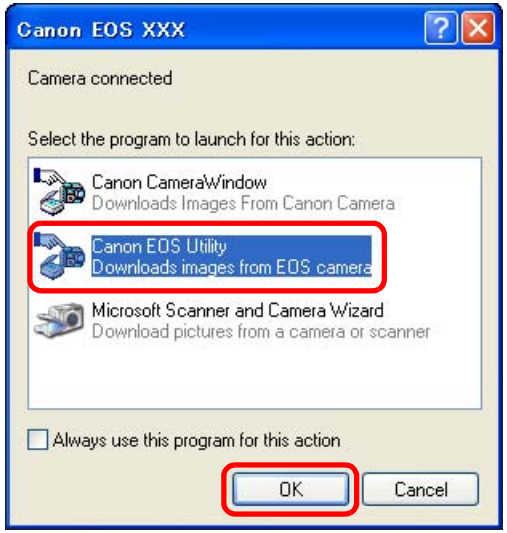


3 Connect your camera and computer and turn the camera on.

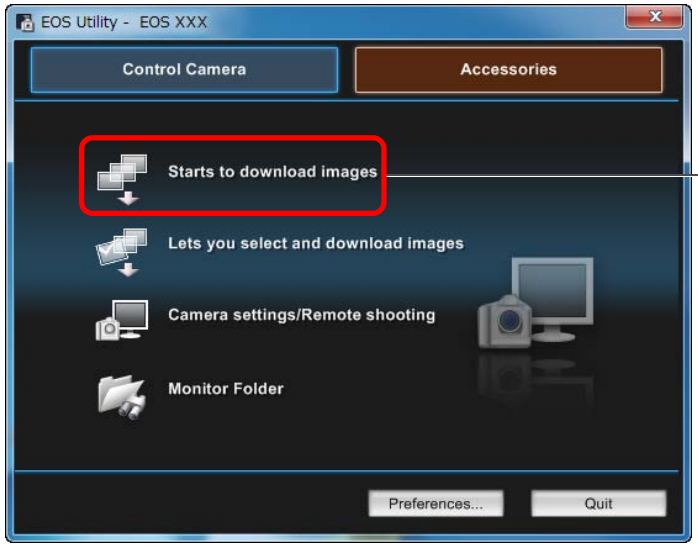
- Connect the camera and your computer with the interface cable provided with the camera and turn the camera on.
- For detailed instructions on connecting your camera and computer, refer to the “EOS Utility Instruction Manual” (PDF electronic manual).



- When the dialog box below appears, select [Canon EOS Utility] and then click the [OK] button.


Canon EOS XXX
Camera connected
Select the program to launch for this action:
Canon CameraWindow
Downloads Images From Canon Camera
Canon EOS Utility
Downloads images from EOS camera
Microsoft Scanner and Camera Wizard
Download pictures from a camera or scanner
Always use this program for this action
OK
Cancel

4 Download images.



Click

➜Downloading of images begins.

➜The downloaded images are saved in the folder selected in step 1 and are displayed in the main window of ZB.

➜The downloaded images are sorted into folders by date and saved.

- Click the EOS Utility [Quit] button to exit EOS Utility and turn the camera's power switch to < OFF >.

Advantages of using EOS Utility to download images

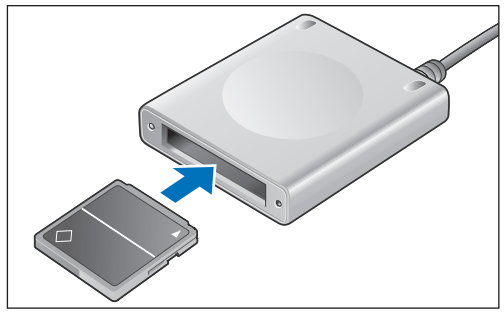
Using EOS Utility to download images makes it easier to organize your images as they are downloaded, sorted and saved into folders by date.

Downloading Images Using Your Card Reader

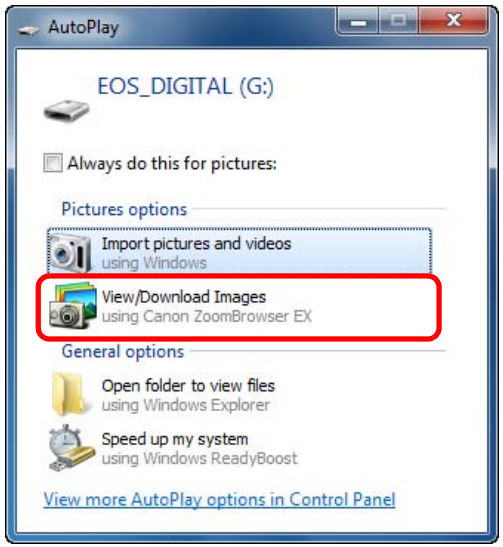
You can also download images to the computer using a third-party card reader.

1 Select the save destination for the images (p.7).

2 Load the memory card into the card reader.



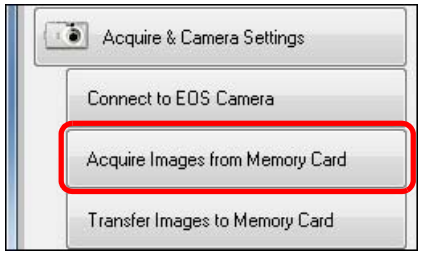
- When the dialog box below appears, click [View/Download Images using Canon ZoomBrowser EX] and ZB starts up.
- Depending on your OS, select [View/Download Images using Canon ZoomBrowser EX] and then click the [OK] button. ZB starts up.



➜Proceed to step 4.

3 Start up ZB.

- Click the buttons [Acquire & Camera Settings] ▶ [Acquire Images from Memory Card].



➜Download images window appears.

4 Download images.

Download images window

➜Downloading of images begins.

➜The downloaded images are saved in the folder selected in step 1 and are displayed in the main window of ZB.

➜The downloaded images are sorted into folders by date and saved.

- Click the [Exit] button to exit Download images window.

Advantages of using ZB to download images

Using ZB to download images makes it easier to organize your images as they are downloaded, sorted and saved into folders by date.

Depending on the card reader and computer OS used, SDXC cards might not be correctly detected. In such a case, connect your camera and computer with the provided interface cable, and transfer the images to your computer.

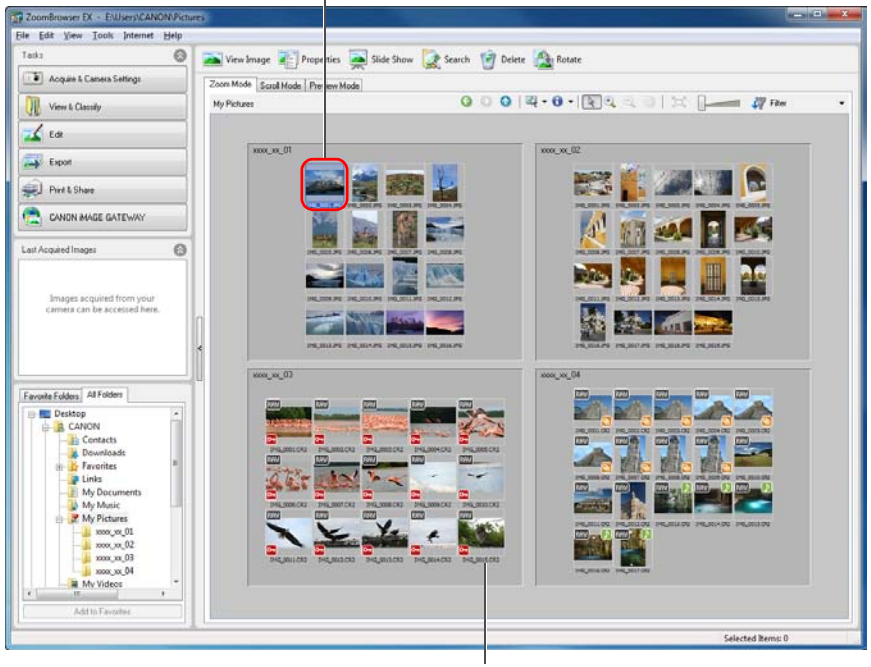
Viewing an Image

Images and movies downloaded to your computer are displayed as a thumbnails list in the main window. You can double-click a thumbnail to open the viewer window and display an image at a larger size or play a movie.

View Images as Thumbnails in the Main Window

Click to select the image

Main window



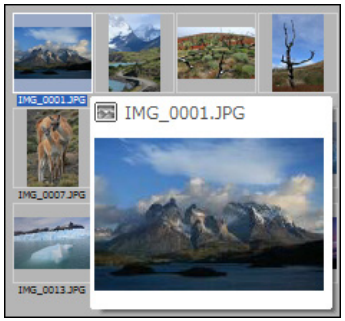
Display thumbnails of all the images inside the folder selected in the folder area on the left

- To select multiple images, click on the images while holding down the < Ctrl > key on the keyboard.

Simple Display Function

Move the cursor over the image with the mouse and you can check images that are displayed in the simple display window (mouse over window).
To deactivate simple display, click on [ ] on the top of the window, select [Show Mouse Over Windows] from the menu and remove the check mark.

Simple display window

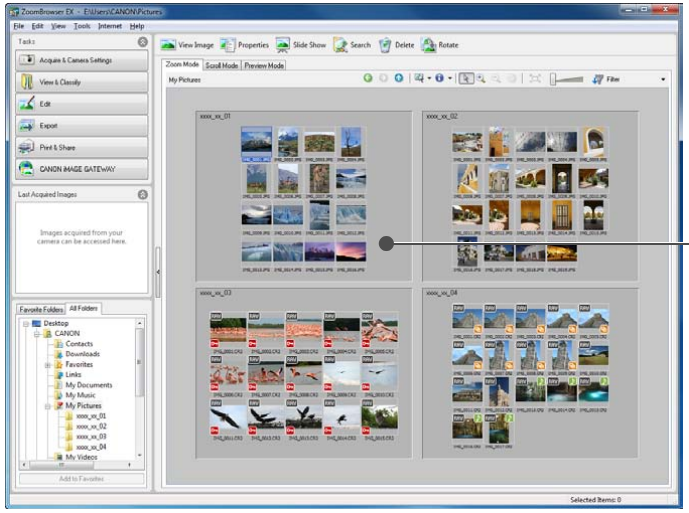


For a list of the main window functions, refer to p.88.

Enlarging a Selected Folder

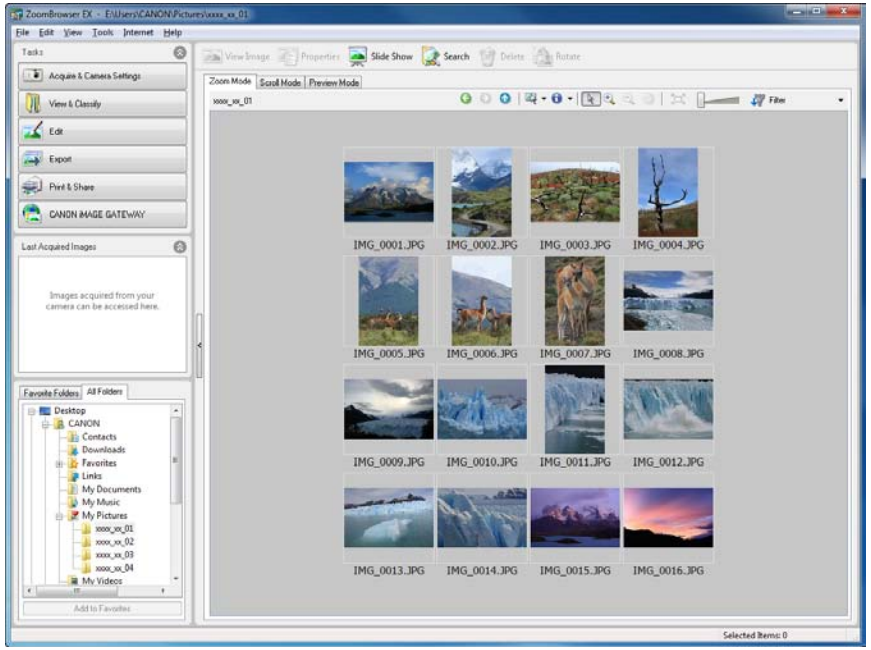
Images downloaded to your computer are displayed in folders in the main window. Double-click on an empty part of the folder you want to enlarge to zoom in and display the images inside that folder at a larger size.

Enlarge folders.



Double-click on an empty part of the folder

➜The folder you have double-clicked zooms in.



- To revert to the folder size before enlarging, click [ ] on the top of the window.

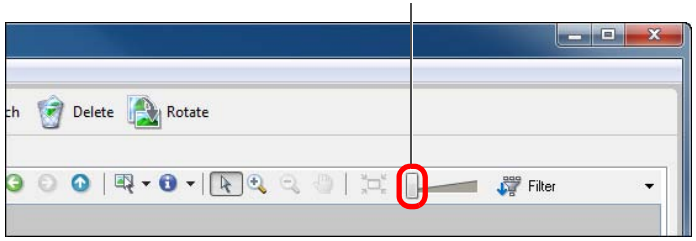
You can change the speed at which a folder zooms in (p.77).

Changing the Display Magnification

If you have many images inside a folder and they are small and difficult to see, you can change the display magnification and display the images at a larger size.

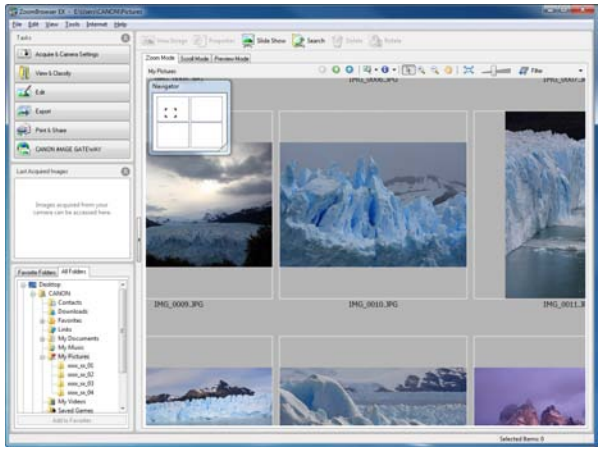
Change the display magnification.

Drag to the right

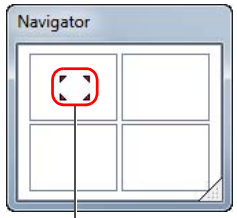


- You can also change the display magnification by clicking [ ] or [ ].

➜The display magnification of the images changes.



Navigator window



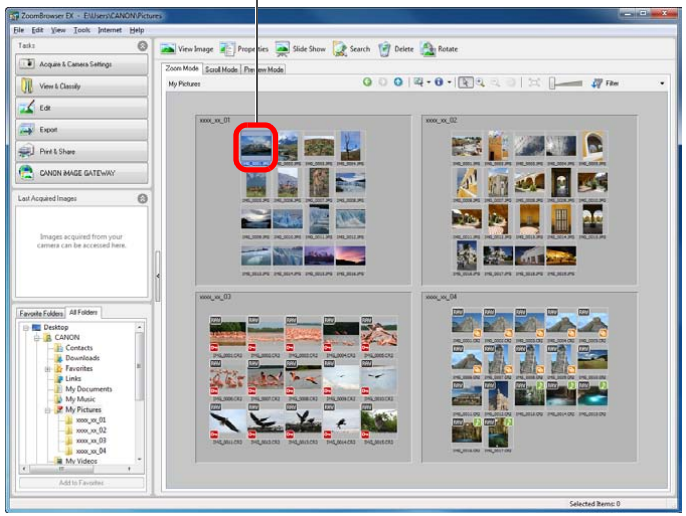
Enlargement display position
Drag to move the enlargement display position

- The [Navigator] window appears and you can check and move the enlargement display position.
- You can also move the enlargement display position by clicking [ ] on the top of the window and dragging over the window.
- To return to full view, click [ ] on the top of the window.

Enlarging and Viewing Images One at a Time

1 Double-click an image to enlarge.

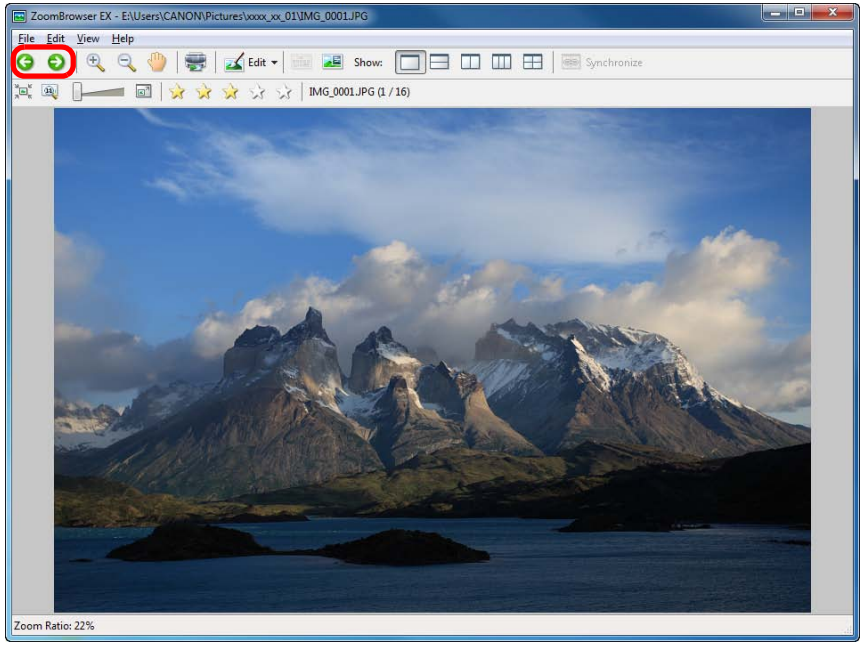
Double-click



➜The viewer window appears.

2 Click [ ] or [ ] to switch to the image you want to display.

Viewer window



- The shooting information is displayed by clicking [ ] on the top of the window.
- To exit the viewer window, click [ ] on the top right of the window.

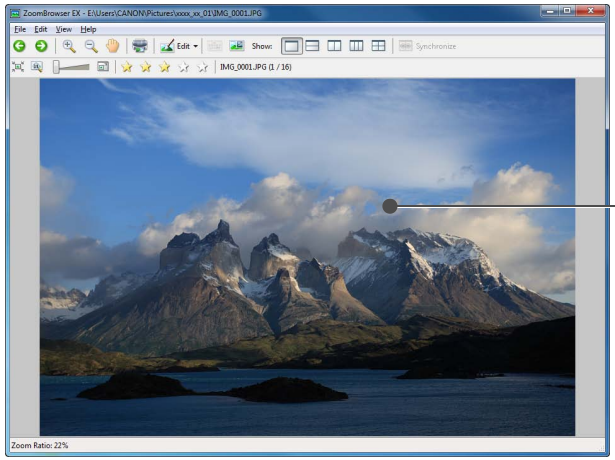
? When you display RAW images in the viewer window

In the viewer window, the JPEG embedded in the RAW image is displayed instead of the actual RAW image. In some cases, displayed images may be grainy.
To check the actual RAW image, use the bundled software Digital Photo Professional.

For a list of viewer window functions, refer to p.91.

Displaying an Image Across the Whole Window (Full View Display)

Double-click on the image you want to display across the whole window.



- You can also display the image across the whole window by clicking [ ] on the top of the window.

➜ The image is enlarged and displayed across the whole window.

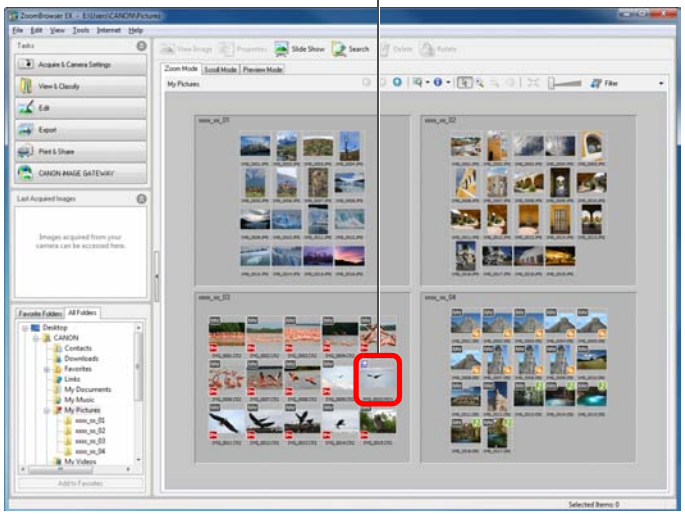
- To return to the viewer window, click on the window or press the < Esc > key on the keyboard.

Playing Movies

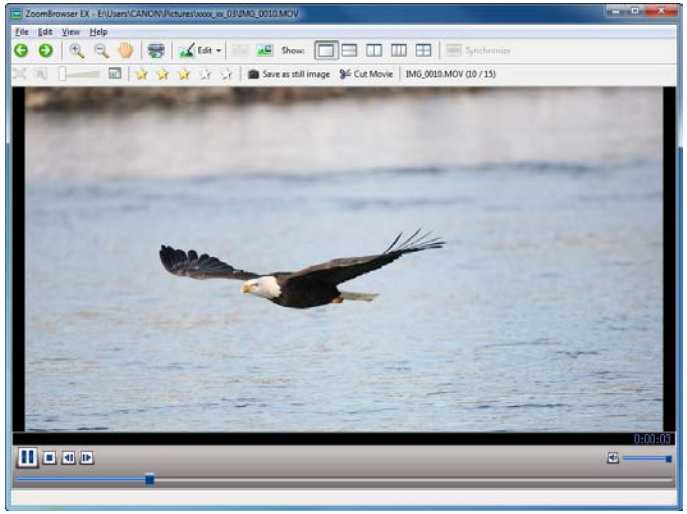
You can play movies and Video Snapshot Albums that you have shot. Movie files are marked with the [ ] icon and Video Snapshot Albums with the [ ] icon in the thumbnail image frame in the main window.

In the main window, double-click a movie (image marked with the [ ] icon) or a Video Snapshot Album (image marked with the [ ] icon).

Double-click



➜A viewer window appears and the movie starts playing.



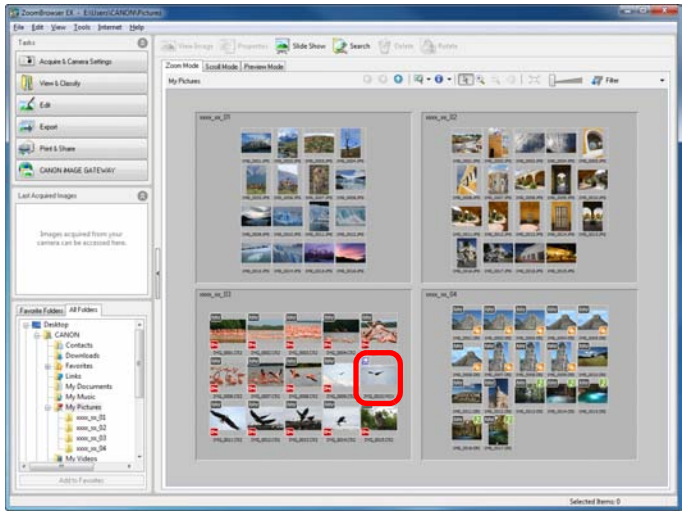
- Playback stops automatically when the movie ends.
- To play the same movie again, click the [ ] button.
- You can save the currently displayed scene as a still image by clicking the [Save as still image] button.

Rewriting Images to a Memory Card

You can rewrite images and MOV movies that you have saved on a computer to a memory card and then play them back on the camera. Use a third-party card reader to rewrite your images or movies to a memory card.

1 **Insert a memory card that has been formatted on the camera into the card reader.**

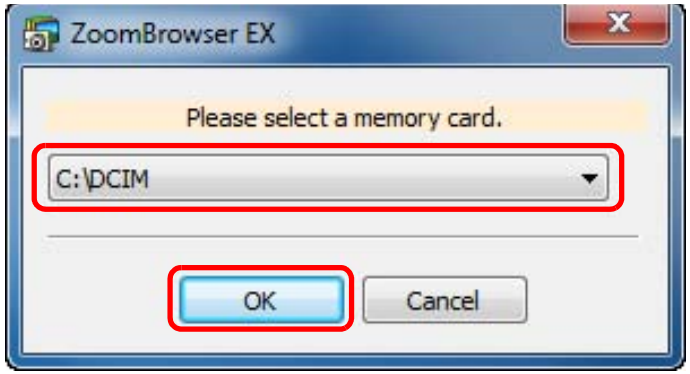
2 **Select the image or movie you want to rewrite.**



3 **Rewrite the image or movie.**

➜Click the buttons [Acquire & Camera Setting] ▶ [Transfer Images to Memory Card].

4 **Select the destination memory card and click the [OK] button.**



➜A confirmation window appears.

5 **Click the [Transfer] button in the confirmation window.**

➜Image or movie exporting begins.

- You cannot rewrite MOV movies that have undergone movie editing (p.40) or movie exporting (p.61) to a memory card.
- AVI movies cannot be rewritten to a memory card.

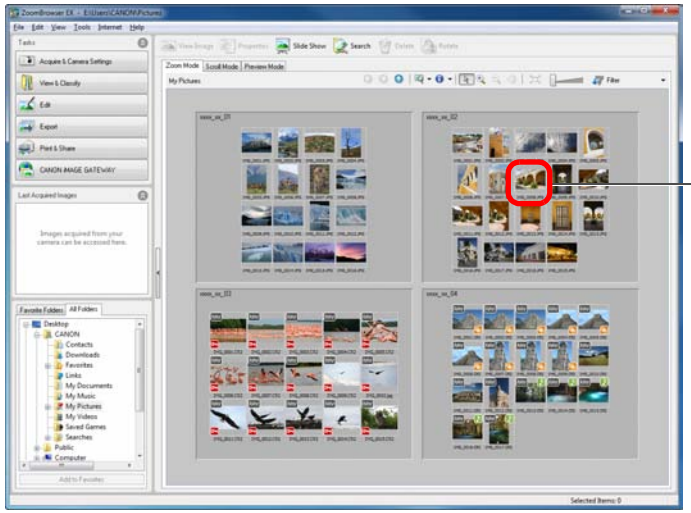
Printing an Image

This section explains how to print one image on one sheet of paper, and how to print using Easy-PhotoPrint EX.

Printing One Image on One Sheet of Paper

You can print one image on one sheet of paper.

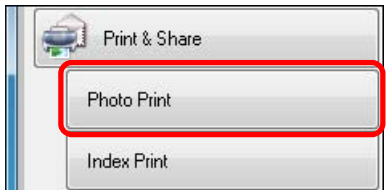
1 Select the image to be printed.



- To select multiple images, click on the images while holding down the < Ctrl > key on the keyboard.
- You can select all the images inside a folder by clicking on an empty part of the folder.

2 Display the print settings window.

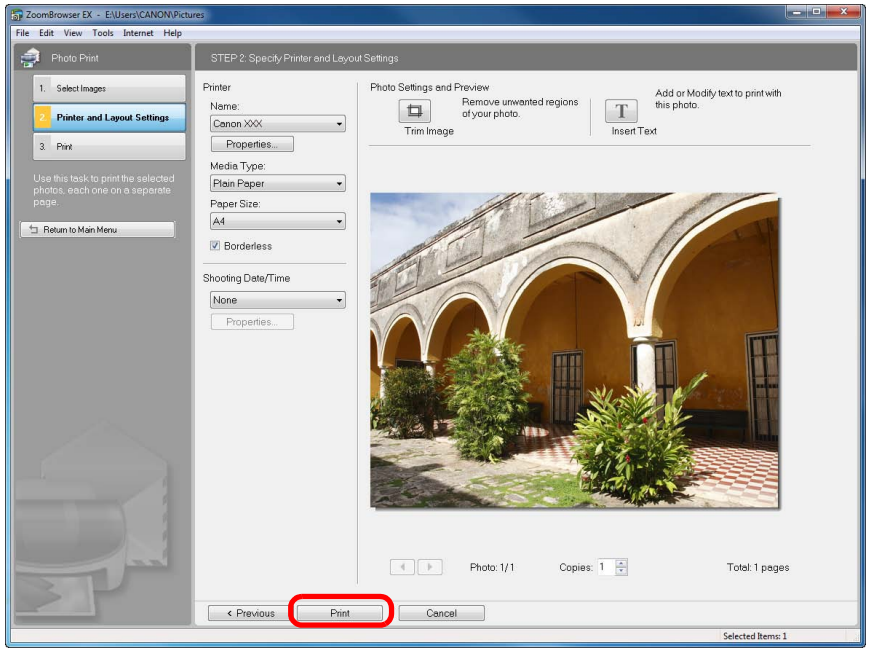
- Click the buttons [Print & Share] ▶ [Photo Print].



➜The [Photo Print] window appears.

3 Set the paper size and other settings, and then click the [Print] button.

Photo Print window



➜Printing begins.

When printing RAW images, the JPEG embedded in the RAW image is printed instead of the actual RAW image. In some cases, printed images may be grainy.

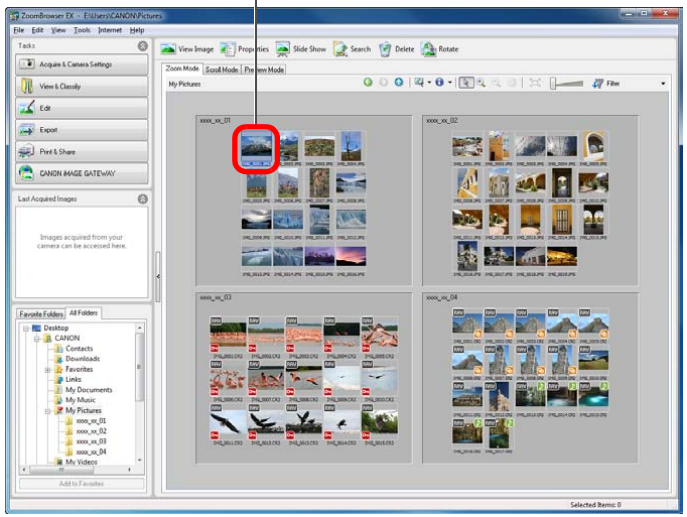
For a list of photo print window functions, refer to p.94.

Printing an Image Using Easy-PhotoPrint EX

If you have an inkjet printer that is compatible with the Easy-PhotoPrint EX (hereinafter, “EPP EX”) software for Canon printers, you can start up EPP EX from within ZB and easily perform high-quality photo printing.
To perform this printing, it is necessary to first install EPP EX version 1.0 or later on your computer.
Also, Easy-PhotoPrint users can select [Easy-PhotoPrint] in step 2 and print following the same steps.

1 Select the image to be printed.

Click



- To select multiple images, click on the images while holding down the < Ctrl > key on the keyboard.
- You can select all the images inside a folder by clicking on an empty part of the folder.

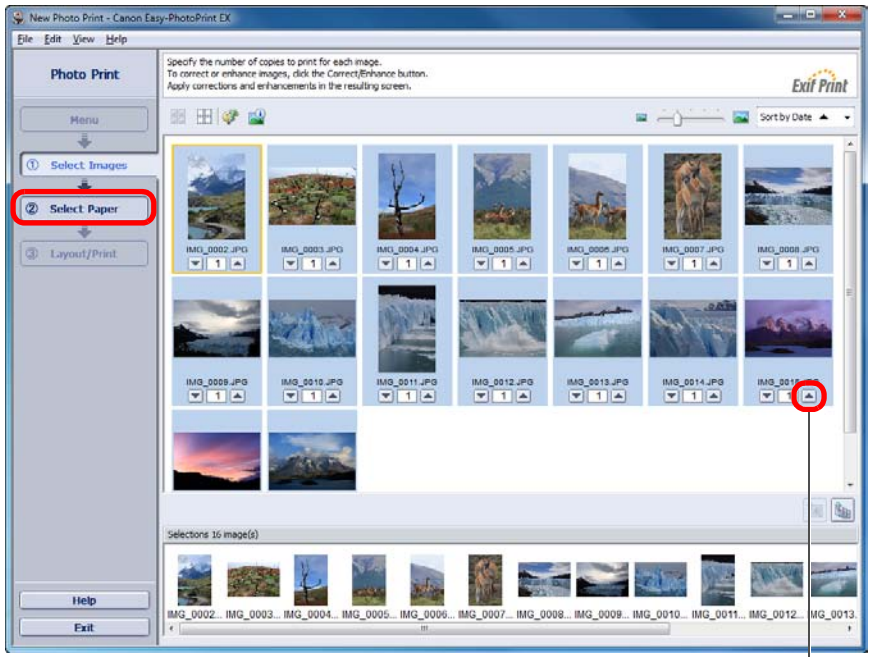
2 Start up EPP EX.

- Click the buttons [Print & Share] ▶ [Easy-PhotoPrint EX Photo Print].

➜EPP EX starts up.

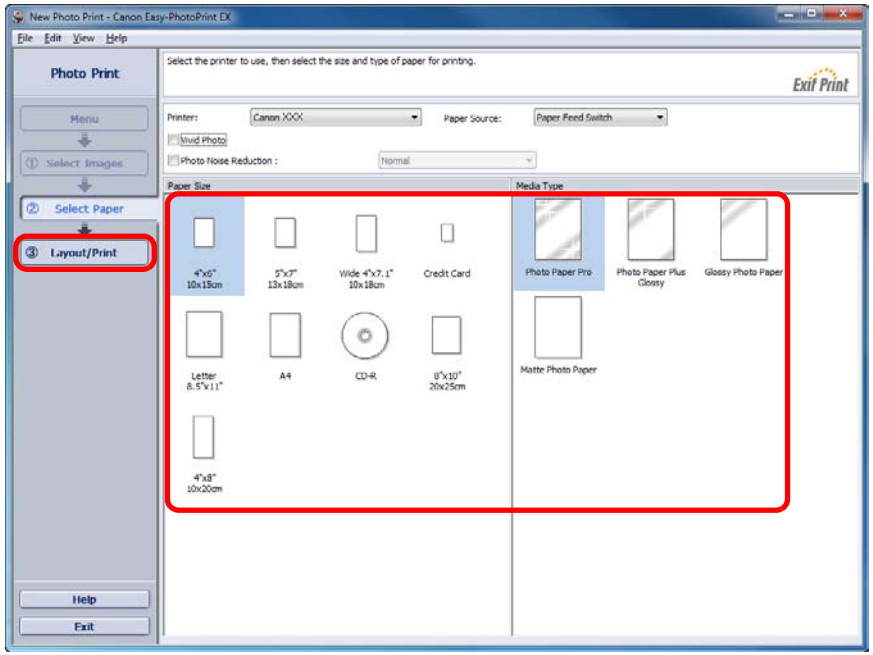
3 Specify the number of copies to be printed and then click [Select Paper].

Easy-PhotoPrint EX

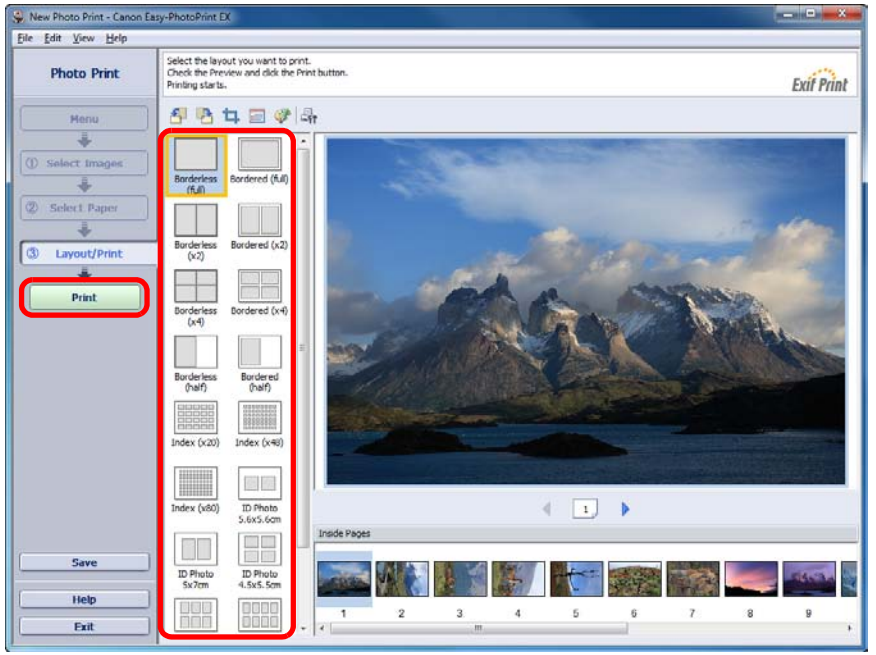


Click to increase the number of copies to be printed

4 Specify the paper size and then click [Layout/Print].



5 Specify the layout and then click the [Print] button.

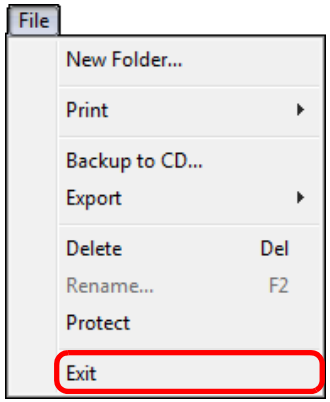


➜Printing begins.

You can also create an album with EPP EX by clicking the [Create and Print Album] button in the menu in step 2.

Exiting ZB

In the main window, select the [File] menu ▶ [Exit].



➜ZB exits.

2 Advanced Operation

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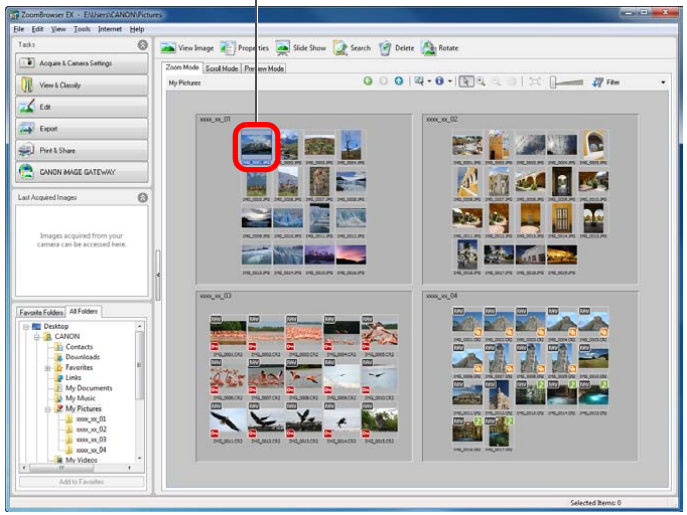
Checking/Sorting Images

You can enlarge images one at a time from a list in the main window, check what they look like in detail, and sort them with ratings.

Enlarging and Checking Images One at a Time

1 Double-click on the image on the top left of the main window.

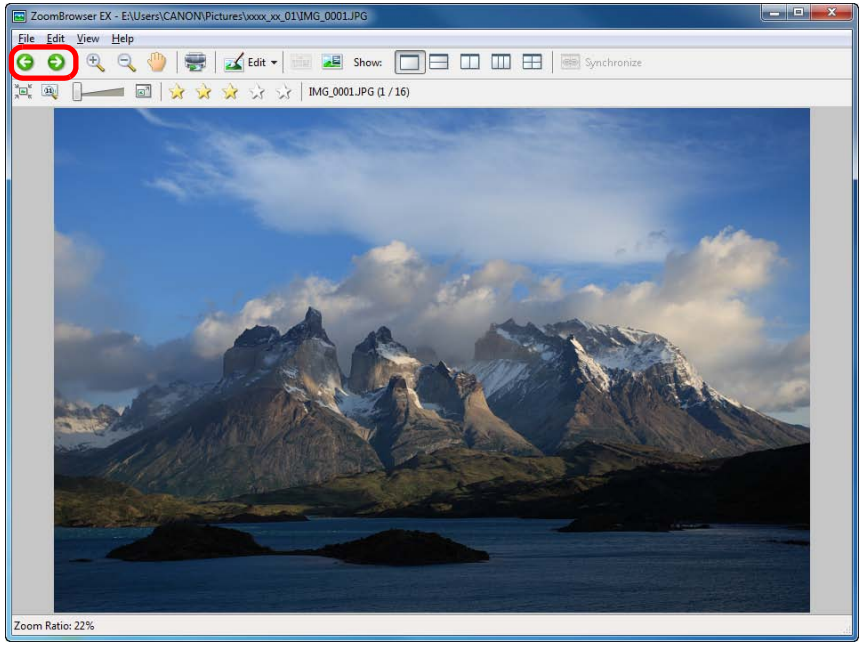
Double-click



➜The viewer window appears.

2 Click [ ] or [ ] to switch to the image you want to display.

Viewer window



- The shooting information is displayed by clicking [ ] on the top of the window.
- To exit the viewer window, click [ ] on the top right of the window.
- When a RAW image is displayed in the viewer window, the JPEG embedded in the RAW image is displayed instead of the actual RAW image. In some cases, displayed images may be grainy. To check the actual RAW image, use the bundled software Digital Photo Professional.

To display only selected images in the viewer window

Select multiple images in the main window (p.11) and then click on [View Image] on the top left of the main window (p.88) to display only the selected images in the viewer window.

For a list of viewer window functions, refer to p.91.

Enlarging a Specific Part of an Image

1 Enlarge an image.

Drag to the right

- You can also change the display magnification by clicking [ ] or [ ].

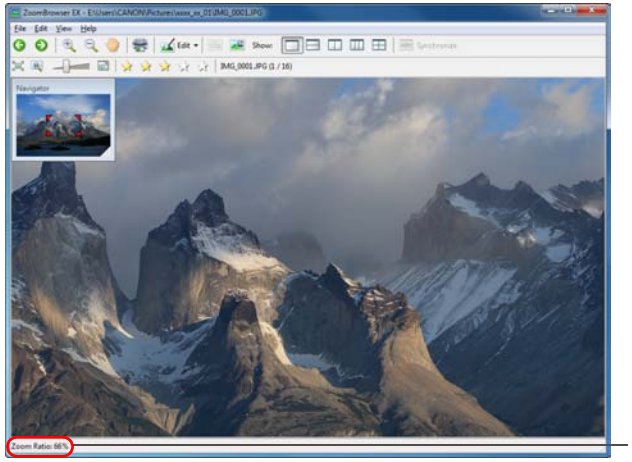
➔The image enlarges and the [Navigator] window appears.

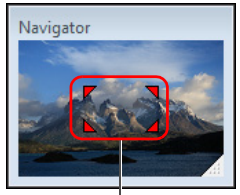
- RAW images cannot be enlarged.

2 Display the part of the image you want to check.

- Drag the enlargement display position in the [Navigator] window and display the part of the image you want to check.

Navigator window





Enlargement display position
Drag to move the enlargement display position

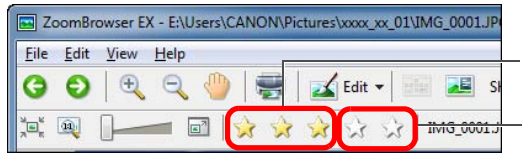
Enlargement ratio

- You can also move the enlargement display position by clicking [ ] on the top left of the window and dragging over the window.
- To return to full view, click [ ] on the top left of the window.

Sorting Images

You can sort images into one of seven groups by setting ratings according to the photo subject or a theme.
Ratings can be set from the following seven types.
☆ (none), [★], [★★], [★★★], [★★★★], [★★★★★], [Reject]

Increase or decrease [★].



Click to decrease

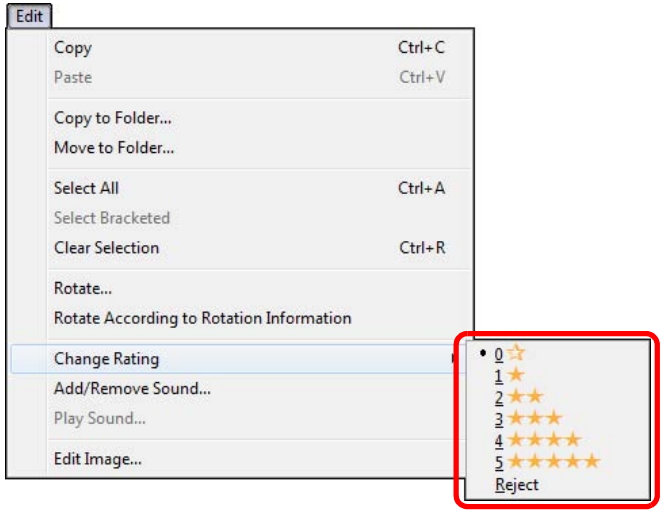
Click to increase

- [Reject] cannot be set in the viewer window. Set [Reject] in the main window.

- You can display and change rating settings set in ZB version 6.6 or later with other bundled software or on an EOS 60D, EOS REBEL T3i/600D, or EOS REBEL T3/1100D camera.
  - EOS Utility version 2.9 or later:
    Ratings set in ZB version 6.6 or later are displayed on image thumbnails in the viewer window. However, [Reject] is not displayed and you cannot change rating settings.
  - Digital Photo Professional version 3.9 or later:
    Ratings set for still images in ZB version 6.6 or later are displayed on image thumbnails in the main window, etc. You can also change rating settings.
  - On an EOS 60D, EOS REBEL T3i/600D, or EOS REBEL T3/1100D camera:
    Ratings set in ZB version 6.6 or later are displayed in the playback screen. You can also change rating settings. However, you cannot display or change settings for [Reject].
- Reversely, you can also display and change with ZB version 6.6 or later the rating settings set for still images in Digital Photo Professional version 3.9 or later or on an EOS 60D, EOS REBEL T3i/600D, or EOS REBEL T3/1100D camera.

Sorting Images in the Main Window

Select images in the main window, and then select the [Edit] menu ▶ [Change Rating] ▶ select the setting.

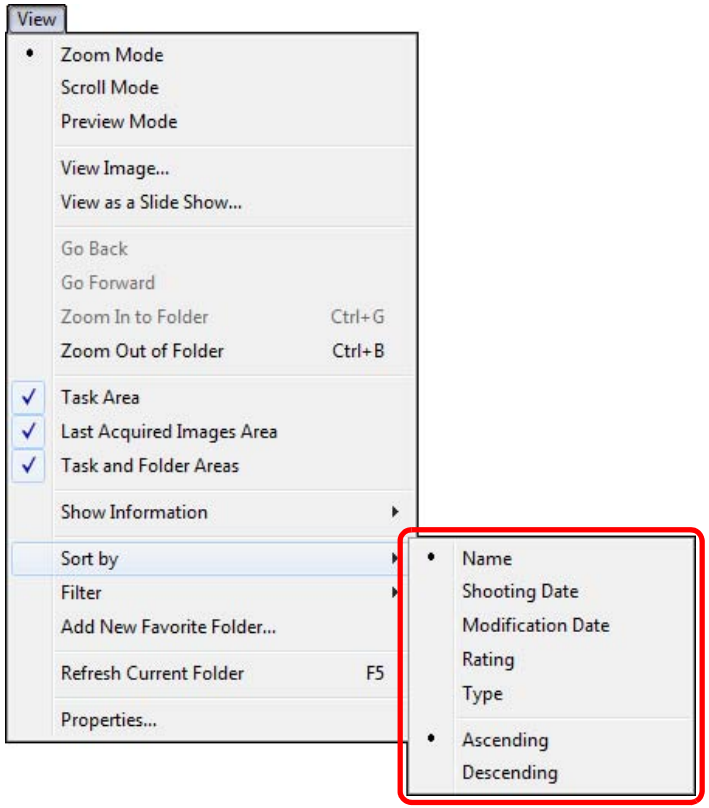


- You can also right-click with the mouse on a thumbnail image in the main window, and then from the menu that appears select [Change Rating] ▶ select the setting.

Arranging Images in the Main Window

You can arrange images in order of the ratings attached to them, or according to the image's shooting date and time.

Select the [View] menu ▶ [Sort by] ▶ desired item.



➜ The images are arranged in the order according to the selected item.

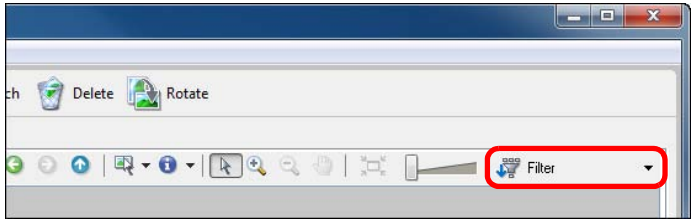
Sort item	Description
Rating	[Reject], ☆ (none), Images are arranged in the order of the least number of [★].
Name	Image file names are arranged in the order of 0 – 9 → a – z.
Shooting Date	Images are arranged in the order of most recently shot.
Modification Date	Images are arranged in the order of most recently updated.
Type	Images are arranged in the order of BMP images → RAW images → JPEG images → MOV movies → TIFF images.

Ascending	Images are arranged from top to bottom in order of sorting criteria.
Descending	Images are arranged from bottom to top in order of sorting criteria.

Filtering Images You Want to Display

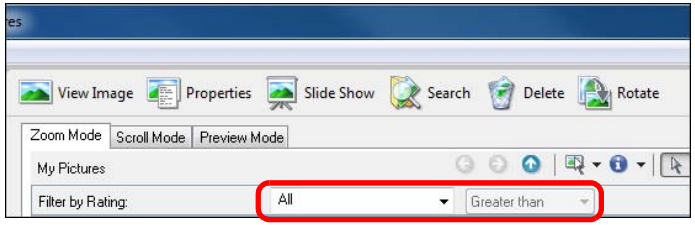
You can filter images displayed in the main window by the ratings you have attached to them.

1 Click the [Filter] button.



➜The filter function appears.

2 Set the criteria to filter images.



➜Only the images with the criteria you have set are displayed in the main window.

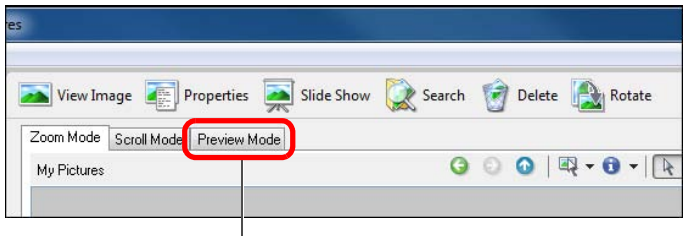
● To exit the filter display, click the [Filter] button again.

To users of ZoomBrowser EX ver. 6.5 and earlier
The method for setting ratings has greatly changed starting with ver. 6.6.
Accordingly, a rating may be displayed differently even for the same image between ver. 6.6 or later and ver. 6.5 and earlier.
For detailed information, refer to the Help for ZoomBrowser EX ver. 6.6 or later.

Efficiently Checking/Sorting Images

With the Preview Mode that displays images as thumbnails and single images in the same window, you can efficiently check the images. You can also check the images' shooting information or sort them by setting their ratings.

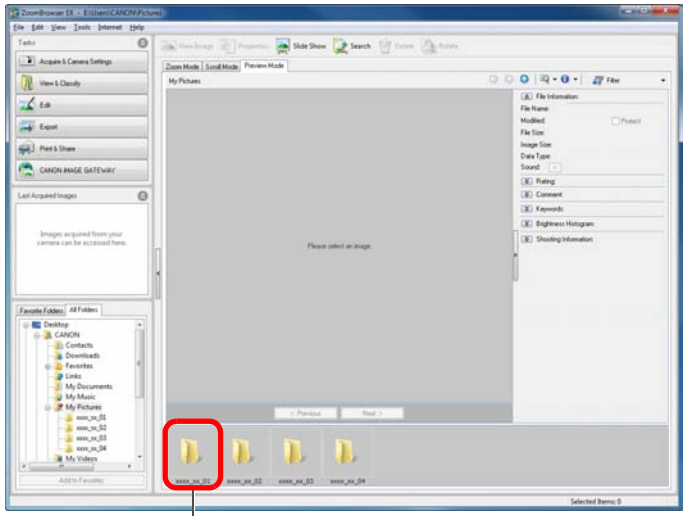
1 Enable Preview Mode.



Click

➜The main window display switches to Preview Mode.

2 Double-click the folder with the images you want to display.

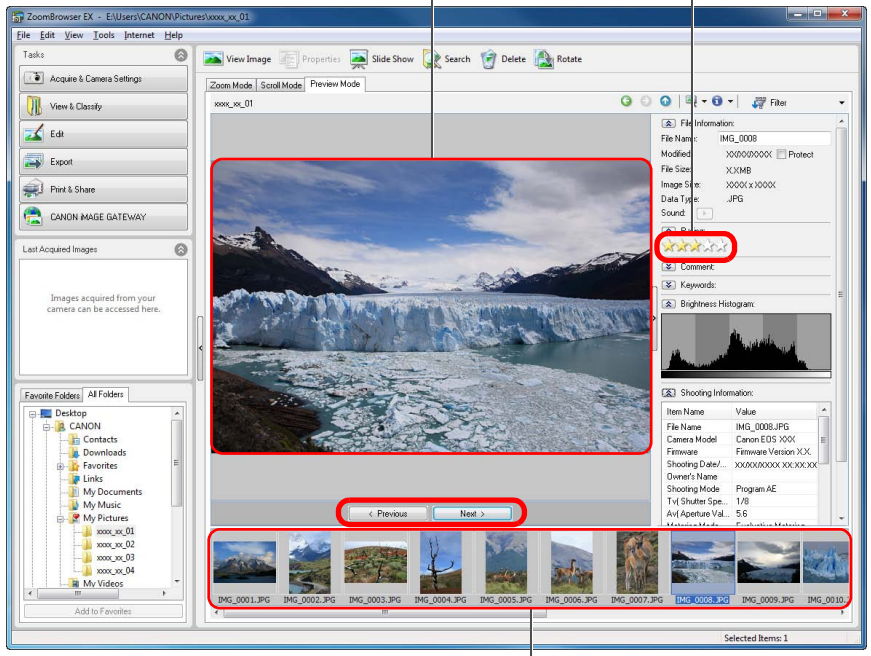


Double-click

3 Click the [Next >] or the [< Previous] button to switch to the image you want to check, and then sort by setting a rating.

The selected image is enlarged in the center of the window

Click to increase or decrease



Thumbnail image display area

- You can also click on the image in the thumbnail image display area to display the image enlarged in the center of the window.
- When a RAW image is displayed, the JPEG embedded in the RAW image is displayed instead of the actual RAW image. In some cases, displayed images may be grainy. To check the actual RAW image, use the bundled software Digital Photo Professional.
- When you have selected a movie, the first frame shot is displayed in the center. For playing movies, refer to p.15.
- To set [Reject] for ratings, select the [Edit] menu ▶ [Change Rating] ▶ [Reject], or right-click with the mouse on an image in the thumbnail window and then select [Change Rating] ▶ [Reject] from the menu that appears.

? When a folder icon appears in the thumbnail image display area

You can double-click the folder icon to display the images in the folder in the thumbnail image display area.

For a list of Preview Mode functions, refer to p.90.

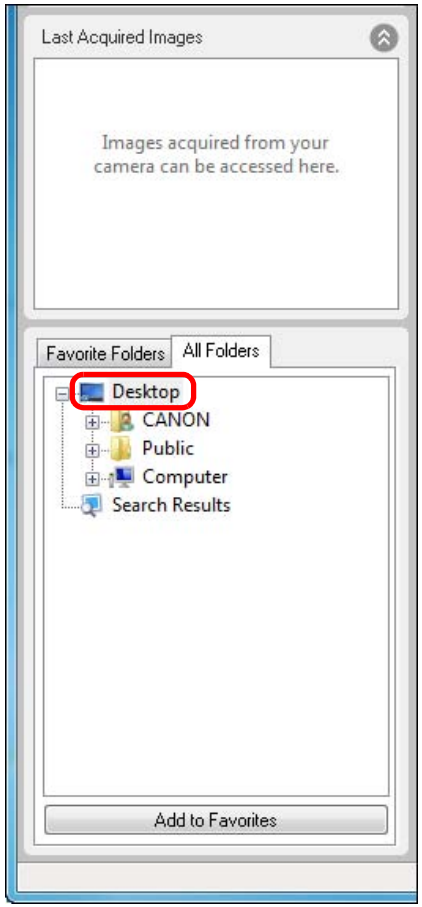
Organizing Images

This section explains functions that are useful for organizing images such as creating new folders for saving sorted images, moving and copying images and deleting unwanted images.

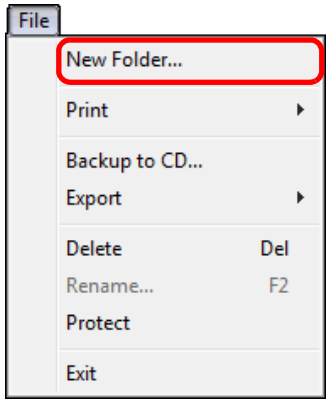
Creating a Folder for Saving Images

You can create a folder to save sorted images.

1 In the folder area, select the location where the new folder is to be created.



2 Select the [File] menu ▶ [New Folder].



➜The [New Folder] dialog box appears.

3 Enter a folder name and click the [OK] button.

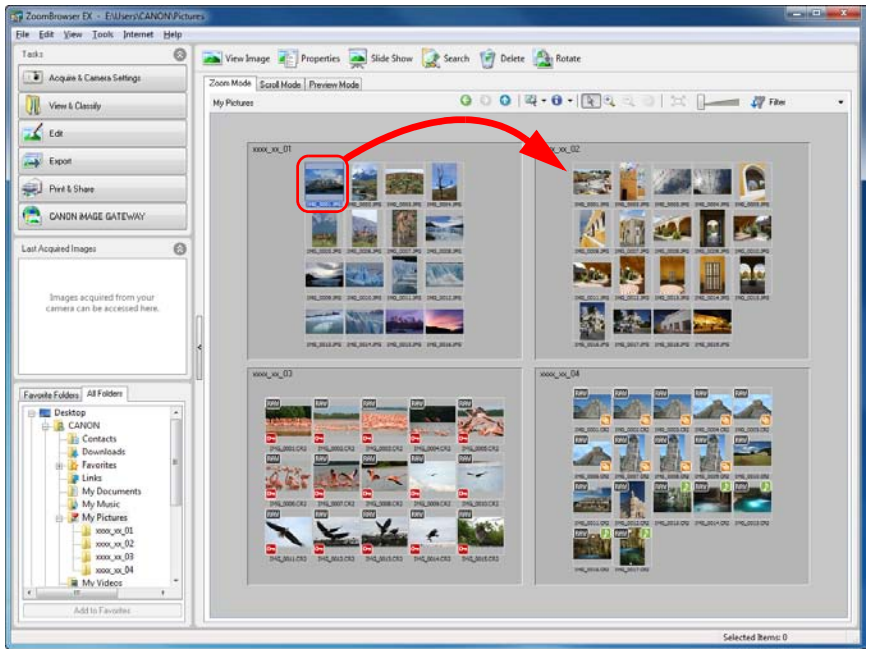
➜The new folder is created in the folder selected in step 1.

Moving Images

You can move or copy images to separate folders and organize them according to shot date or theme.

Drag the image to be moved or copied.

- To move: Drag the image and release when the image is in the destination folder.
- To copy: Drag the image while holding down the < Ctrl > key and release when the image is in the destination folder.



➜The image is moved or copied to the folder it was dragged to.

Moving images to a folder in the folder area

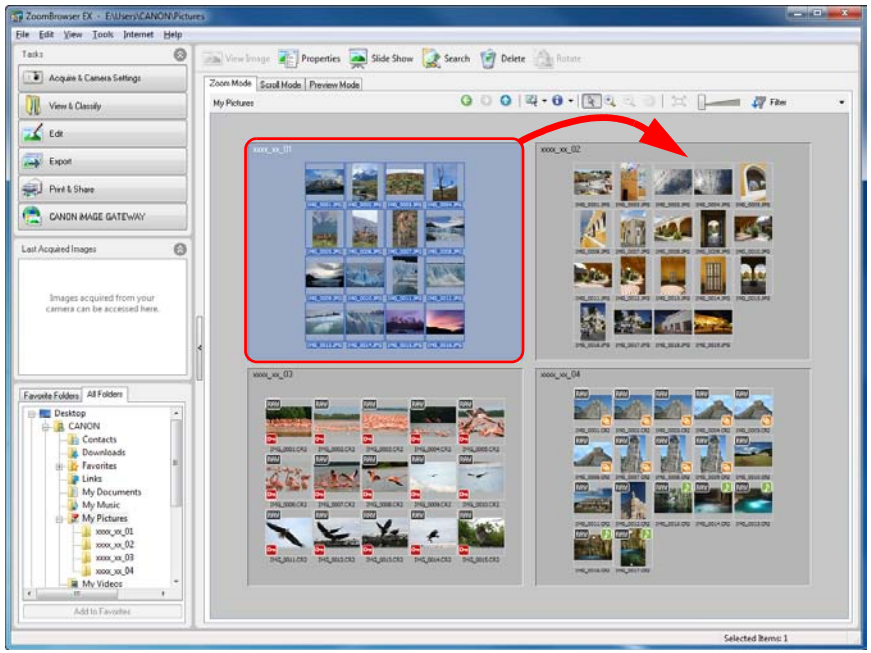
Drag an image in the main window to a folder in the folder area on the bottom left of the window in the same way as described above to move or copy the image.

Moving Images in Folders

You can move or copy folders that contain images, and organize images in folders.

Drag the folder to be moved or copied.

- To move: Drag the folder and release when the folder is in the destination folder.
- To copy: Drag the folder while holding down the < Ctrl > key and release when the folder is in the destination folder.



➜The folder is moved or copied to the folder it was dragged to.

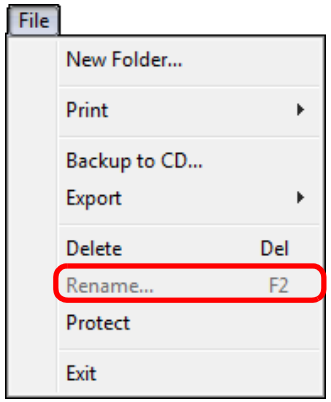
Moving folders in the folder area

Drag a folder in the main window to a folder in the folder area on the bottom left of the window in the same way as described above to move or copy a folder.

Changing Image File Names or Folder Names

1 Select the image whose name you want to change in the main window, or select the folder whose name you want to change in the folder area.

2 Select the [File] menu ▶ [Rename].



➜The [Rename Image] or [Rename Folder] dialog box appears.

3 Enter the file name or folder name of the image and then click the [OK] button.

➜The file name or folder name changes to the new name.

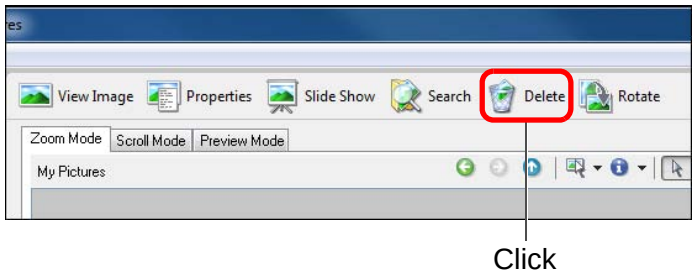
- You can also change the file names in the [Properties] window (p.58) or the image display area in Preview Mode (p.90).
- You can also change the folder names in the [Properties] window (p.58).

Deleting Images

Please take care as deleted images cannot be recovered.

1 Select the unwanted image in the main window.

2 Click [Delete].



➜The [Confirm File Delete] dialog box appears.

3 Click the [Yes] button.

➜The image is moved to the [Recycle Bin] and is deleted from ZB.

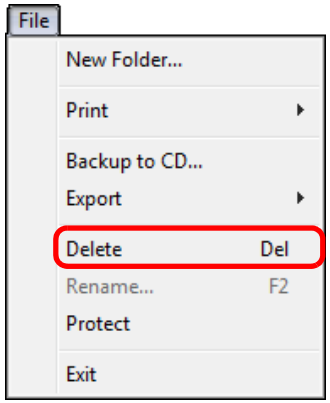
- Right-click [Recycle Bin] on the desktop and select [Empty Recycle Bin] from the menu that appears to delete the image from your computer.

Deleting Folders

Deleted folders cannot be recovered. Please take care as all images inside folders are also deleted.

1 In the folder area, select the folder you want to delete.

2 Select the [File] menu ▶ [Delete].



➜The [Confirm File Delete] window appears.

3 Click the [Yes] button.

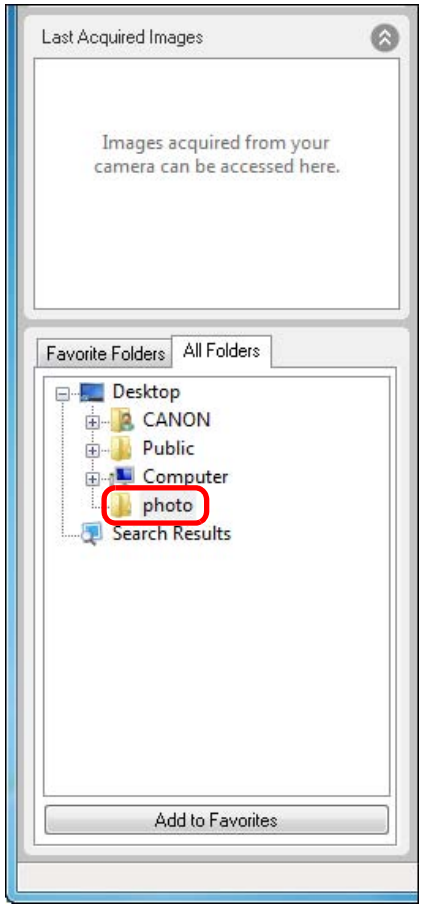
➜The folder is moved to the [Recycle Bin] and is deleted from ZB.

- Right-click [Recycle Bin] on the desktop and select [Empty Recycle Bin] from the menu that appears to delete the folder from your computer.

Registering Frequently-Used Folders as Favorite Folders

You can register shortcuts for frequently-used folders in the [Favorite Folders] tab sheet in the folder area to make images easier to find. Please note that because the [My Pictures] folder is registered as a favorite folder by default, the folder icon appears as [ ].

1 Select the folder you want to register.

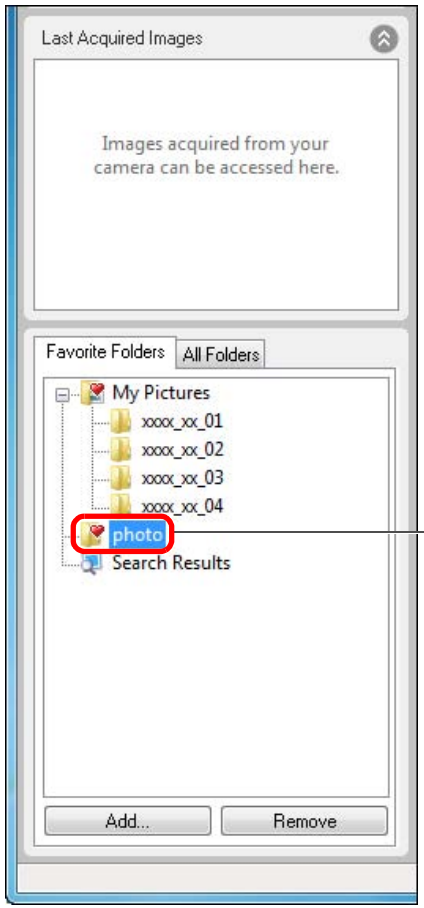


2 Click the [Add to Favorites] button.

➜The folder icon changes to [ ] and is registered as a favorite folder.

3 Select the [Favorite Folders] tab sheet.

4 Select the registered folder to display the images inside the folder.



➜The images inside the folder appear.

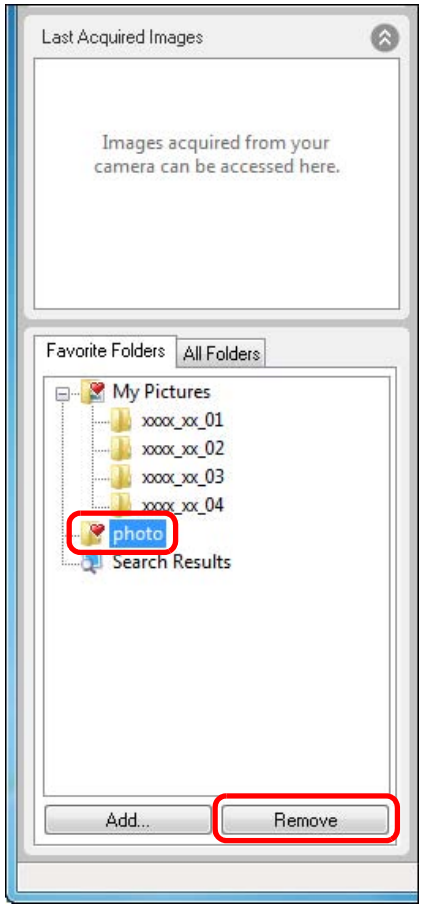
? If you have edited or deleted images in folders you have registered as favorites

Any changes done to images inside registered folders will be applied to the original images. Therefore, please be aware that by editing or deleting images inside registered folders, you are in fact editing or deleting the original images.

Deleting Favorite Folders

If you no longer need a folder you have registered in the [Favorite Folders] tab sheet, you can delete it from this tab sheet.
Please note that as registered folders are shortcuts, the original folder will not be deleted when you delete the shortcut.

In the [Favorite Folders] tab sheet, select the folder you want to delete and then click the [Remove] button.



➜The folder is deleted.

Editing an Image

If the brightness or color of images is different from what you visualized when you shot the photo, you can adjust an image using the editing functions to bring them closer to what you visualized.
This section explains about automatic adjustment of images, adjustment of brightness, saturation and contrast, trimming images, inserting text into images, adjustment of sharpness, red-eye correction, and cutting movies.
JPEG images deteriorate slightly when edited and saved, and the image before editing cannot be recovered. For this reason, an edited JPEG image should be saved as a separate image from the original image.
Chapter 3 explains about high-level editing functions other than those described above.

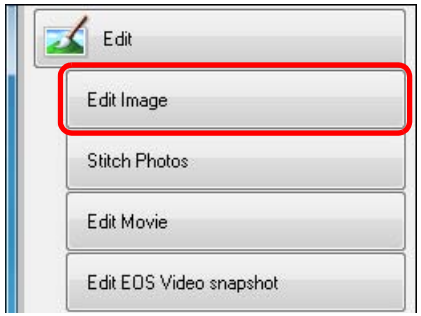
You can edit RAW images in Digital Photo Professional (hereinafter, “DPP”). Select the RAW image in the Main Window and click the buttons [Edit] ▶ [Digital Photo Professional Process RAW images], which will start up DPP. For detailed instructions on using DPP, refer to “Digital Photo Professional Instruction Manual” (PDF electronic manual).

Automatic Adjustment Using ZB

The brightness and colors, etc. of the image are automatically adjusted.

1 Select the image you want to edit.

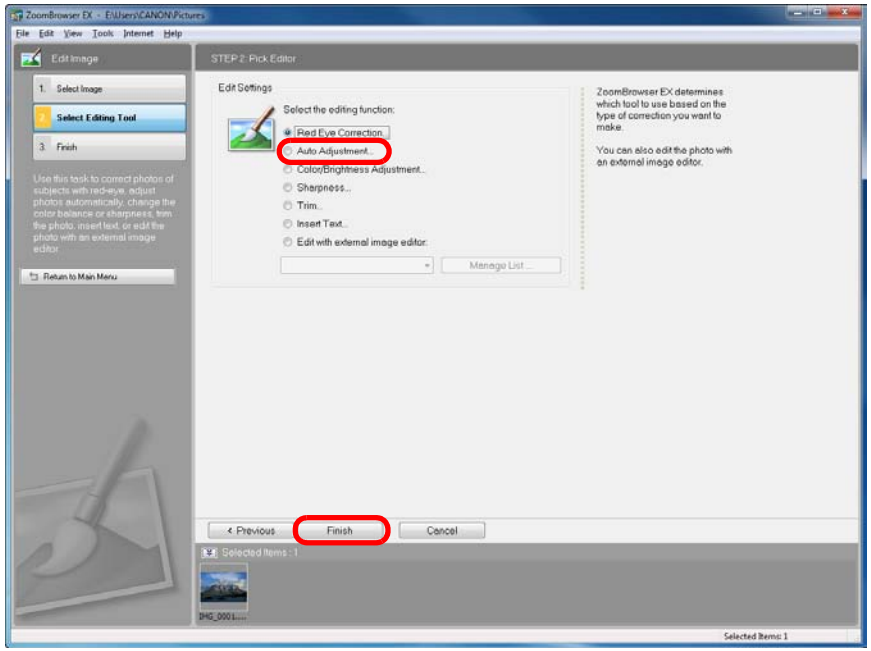
2 Click the buttons [Edit] ▶ [Edit Image].



➜The [Edit Image] window appears.

3 Select the buttons [Auto Adjustment] ▶ [Finish].

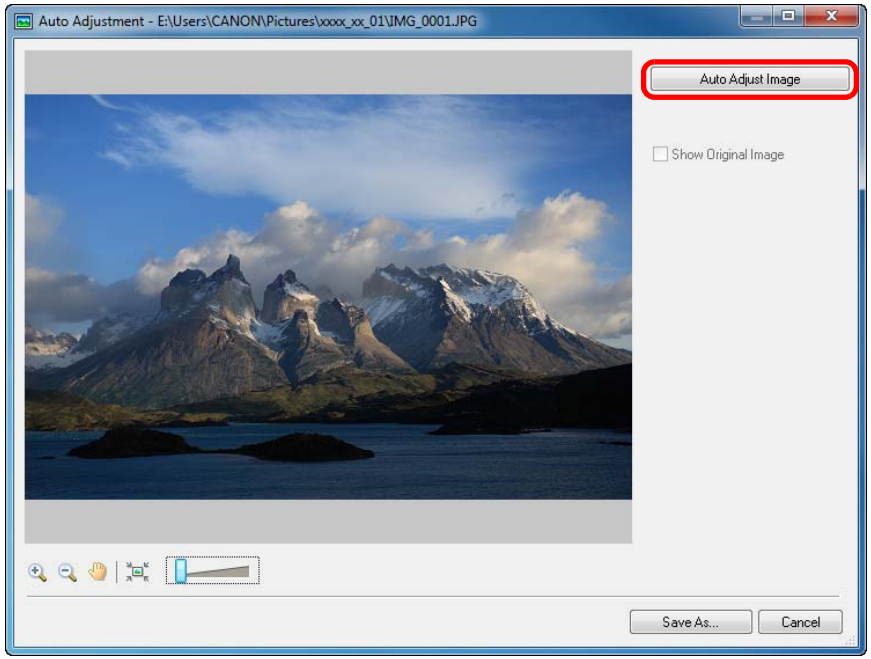
Edit Image window



➜The [Auto Adjustment] window appears.

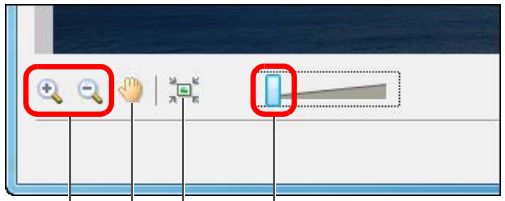
4 Click the [Auto Adjust Image] button.

Auto Adjustment window



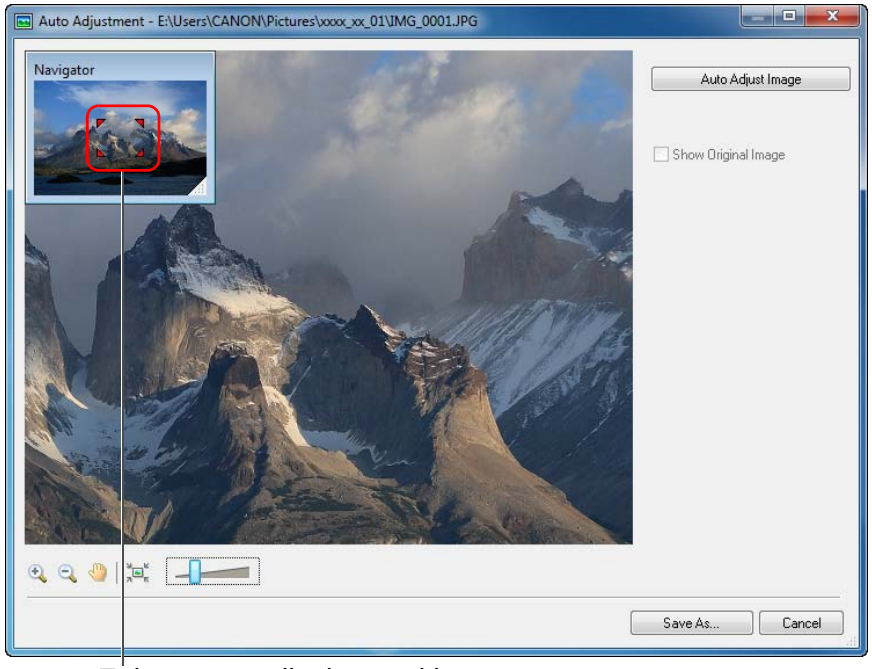
➜The image is adjusted.

5 Enlarge the window and check the adjustments.



- In enlarged view, the [Navigator] window appears and you can check and move the enlargement display position.

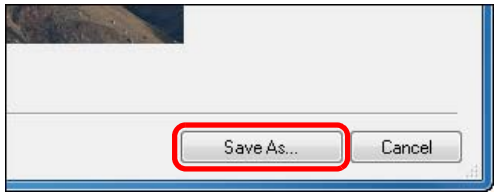
Window in enlarged display



Enlargement display position
Drag to move the enlargement display position

- To revert to full view, click [ ] on the bottom left of the window.

6 Click the [Save As] button and save as a separate image.



➜The [Save As] window appears.

7 Specify the save destination and then click the [Save] button.

➜The edited image is saved as a separate image from the original image.

Adjusting Brightness, Color and Contrast

You can adjust the brightness, color (saturation) and contrast of images.

1 Select the image you want to edit and display the [Edit Image] window (p.33).

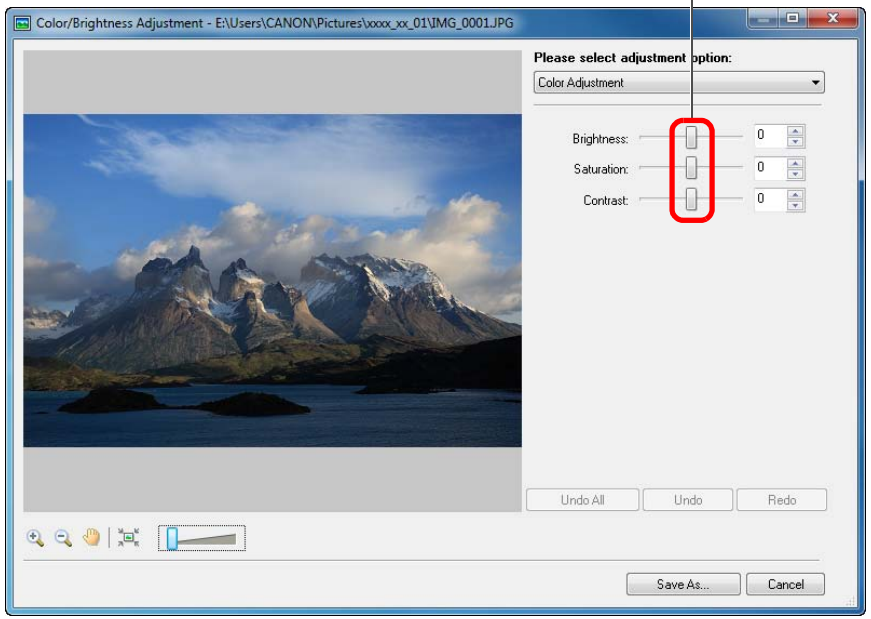
2 Select [Color/Brightness Adjustment] and then click the [Finish] button.

➜The [Color/Brightness Adjustment] window appears.

3 Adjust the image.

Drag to the left or right to adjust

Color/Brightness Adjustment window



- Move the slider to the right to make the [Brightness] of an image appear brighter, the [Saturation] to appear more vivid and the [Contrast] stronger. Move the slider to the left to make the image appear darker, and the saturation and the contrast weaker.

➜The image is adjusted.

4 **Enlarge the window and check the adjustments** (p.33)**.**

5 **Click the [Save As] button and save as a separate image** (p.34)**.**

Trimming an Image

You can trim only the part of an image you need, or change the composition of an image where an image shot horizontally becomes vertical.

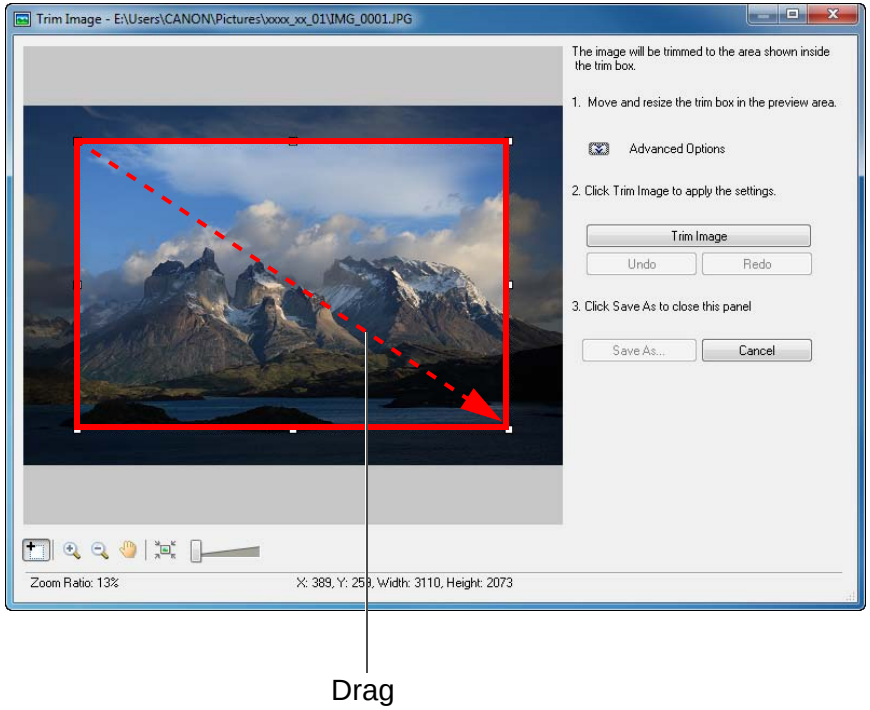
1 **Select the image you want to edit and display the [Edit Image] window** (p.32)**.**

2 **Select [Trim] and then click the [Finish] button.**

➜The [Trim Image] window appears.

3 **Drag the trimming range.**

Trim Image window


Trim Image - E:\Users\CANON\Pictures\xxxx_xx_01\IMG_0001.JPG
The image will be trimmed to the area shown inside the trim box.
1. Move and resize the trim box in the preview area.
Advanced Options
2. Click Trim Image to apply the settings.
Trim Image
Undo
Redo
3. Click Save As to close this panel
Save As...
Cancel
Zoom Ratio: 13%
X: 389, Y: 258, Width: 3110, Height: 2073
Drag

- The trimming range can be moved by dragging.
- You can change the trimming range by dragging the four corners and the four sides of the trimming range.

4 Click the [Trim Image] button.

➜The image is trimmed.

5 Click the [Save As] button and save as a separate image (p.34).

Inserting Text into Images

You can insert the date and time you shot an image and text into an image as text.

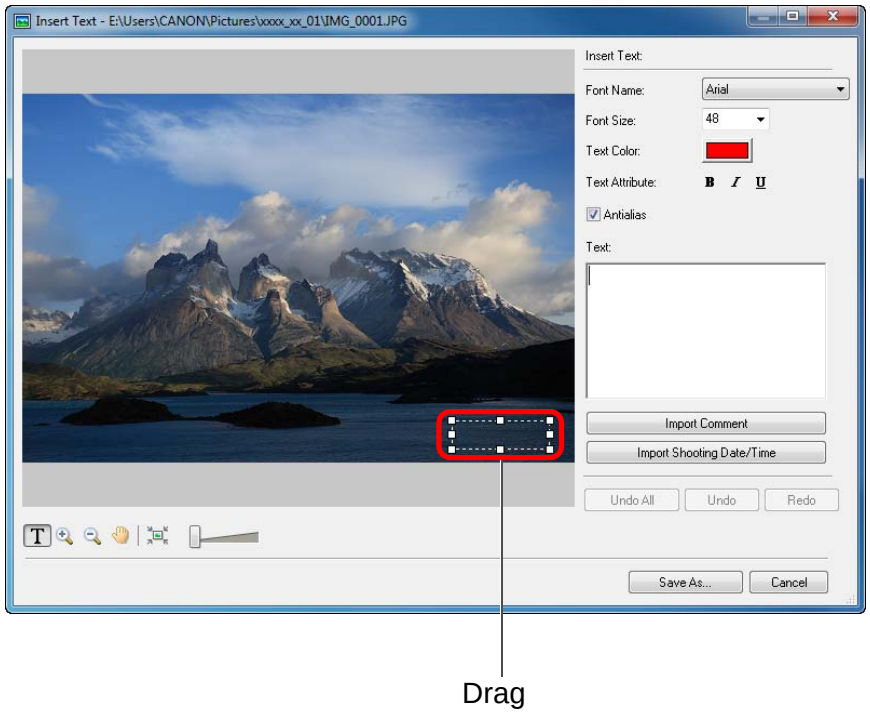
1 Select the image you want to edit and display the [Edit Image] window (p.32).

2 Select [Insert Text] and then click the [Finish] button.

➜The [Insert Text] window appears.

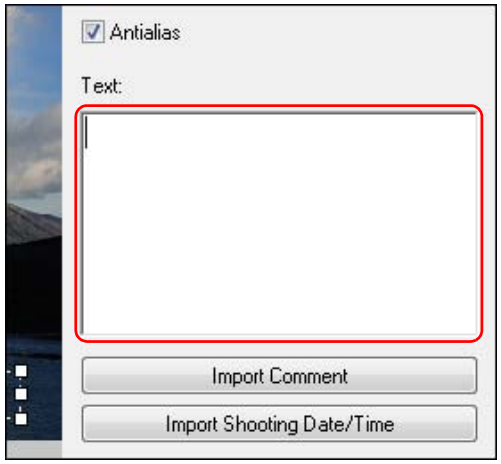
3 Drag the range for inserting text.

Insert Text window



- The text insertion range can be moved by dragging.
- You can change the text insertion range by dragging the four corners and the four sides of the text insertion range.

4 **Using the keyboard, enter the text you want to insert.**



➜The text you enter appears in the window.

5 **Click the [Save As] button and save as a separate image** (p.34)**.**

Adjusting Sharpness

You can make the overall atmosphere of an image harder or softer.

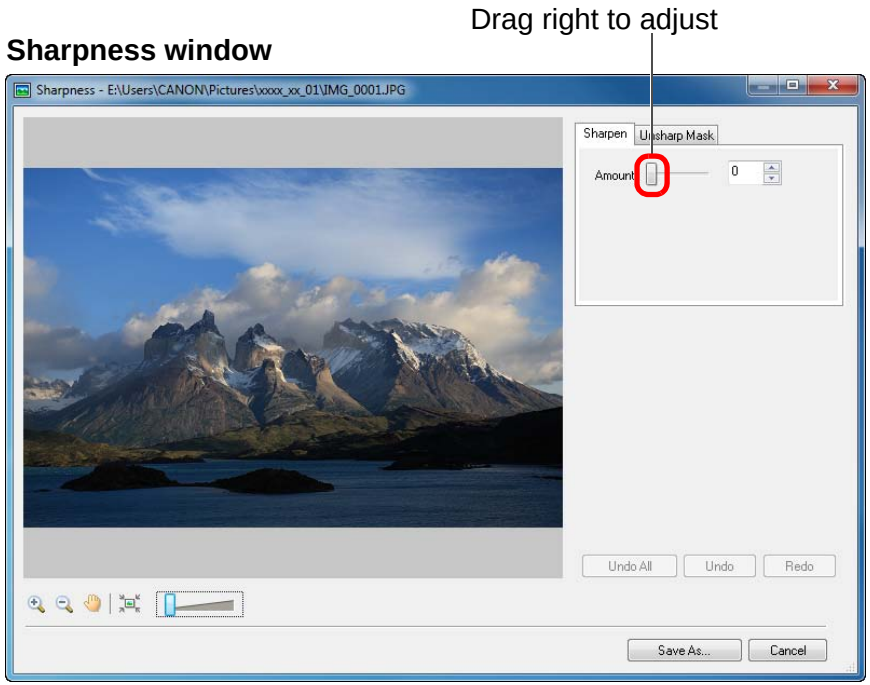
1 **Select the image you want to edit and display the [Edit Image] window** (p.32)**.**

2 **Select [Sharpness] and then click the [Finish] button.**

➜The [Sharpness] window appears.

3 **Adjust the image.**

Sharpness window



- Move the slider to the right to make an image harder and to the left to make an image softer.

➜The image is adjusted.

4 **Enlarge the window and check the adjustments** (p.33)**.**

5 **Click the [Save As] button and save as a separate image** (p.34)**.**

Correcting Red-Eye Automatically

You can automatically detect and correct red-eye that occurs when you photograph people using a flash.

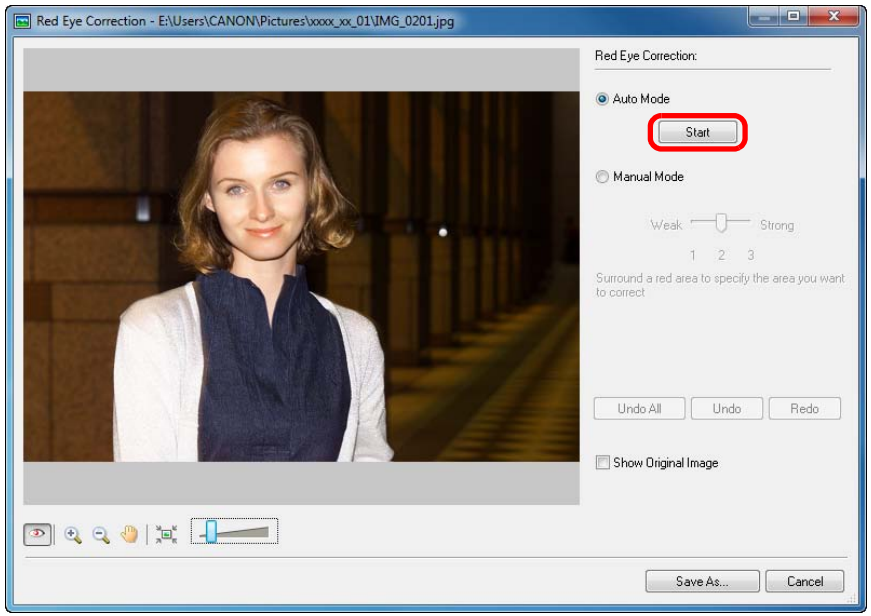
1 **Select the image you want to edit and display the [Edit Image] window** (p.32)**.**

2 **Select [Red Eye Correction] and then click the [Finish] button.**

➜The [Red Eye Correction] window appears.

3 **Click the [Start] button.**

Red Eye Correction window



➜The image is corrected.

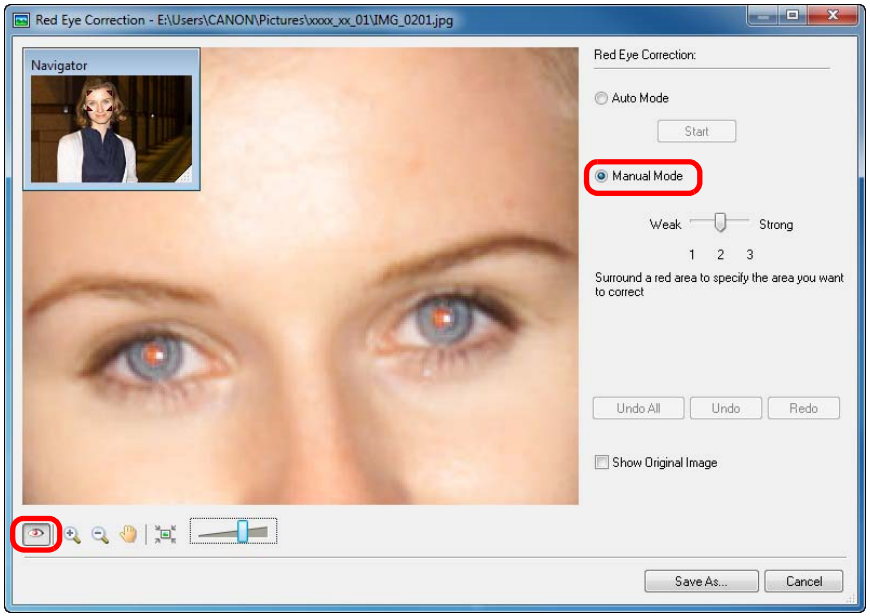
4 **Click the [Save As] button and save as a separate image** (p.34)**.**

Correcting Red-Eye Manually

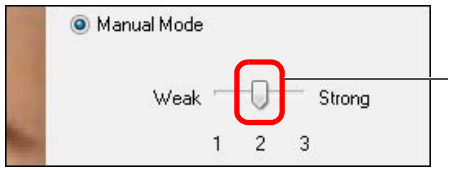
You can manually correct red-eye that cannot be corrected automatically.

1 **Display the [Red Eye Correction] window (p.38).**

2 **Enlarge the image (p.33) and then select [Manual Mode].**

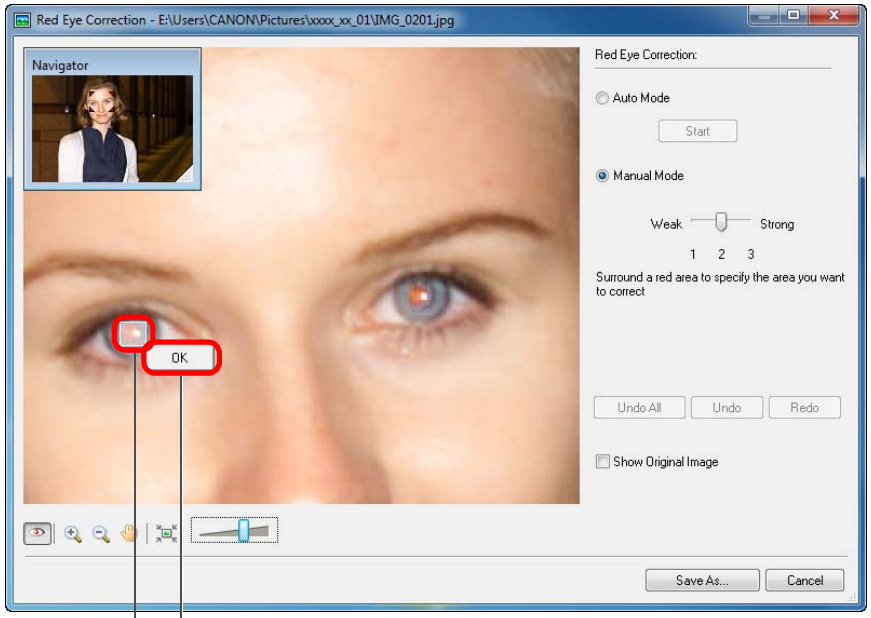


3 **Check that [ ] is selected in step 2 and set the amount of correction.**



Drag to the left or right to adjust

4 **Drag and place a box around the place in the image you want to correct and then click [OK].**



Click [OK]

Drag the place to correct

➜The image is corrected.

5 **Correct other places in the same way.**

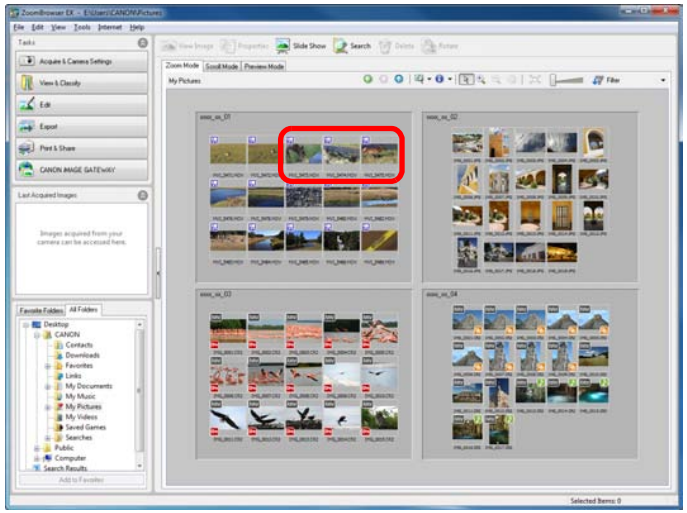
6 **Click the [OK] button and save as a separate image (p.34).**

Editing Movies

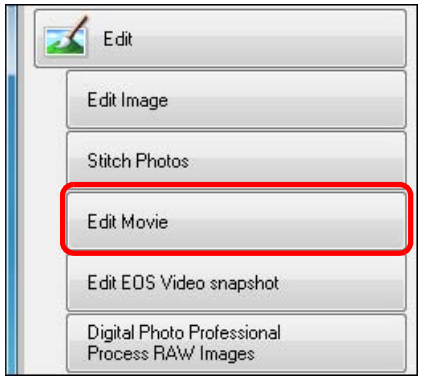
You can edit the movies you have downloaded to your computer in a number of ways, including joining movies together and adding special effects such as titles and background music.

Once you have edited movies using these functions, you cannot play them back on the camera.

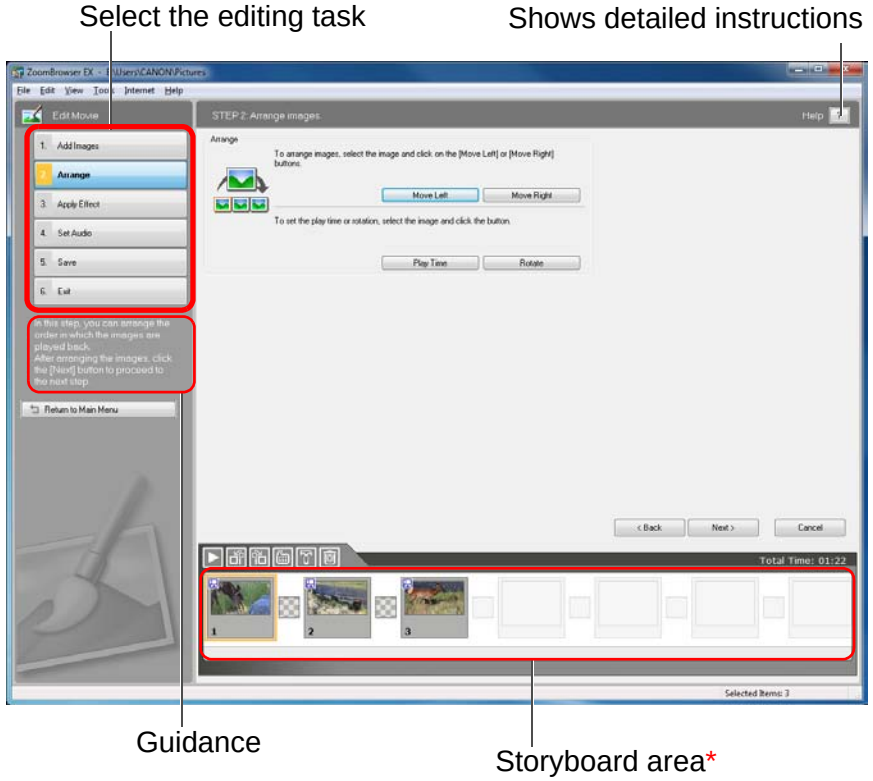
1 Select the movie.



2 Click the buttons [Edit] ▶ [Edit Movie].



3 Click the button on the left to select an editing task, and then edit the movie.



*This shows thumbnails of the selected movies. Movies are joined together sequentially starting from the leftmost movie.

Storyboard area functions

Play movies

Rearrange the order of the selected movies

Show information for the selected movie

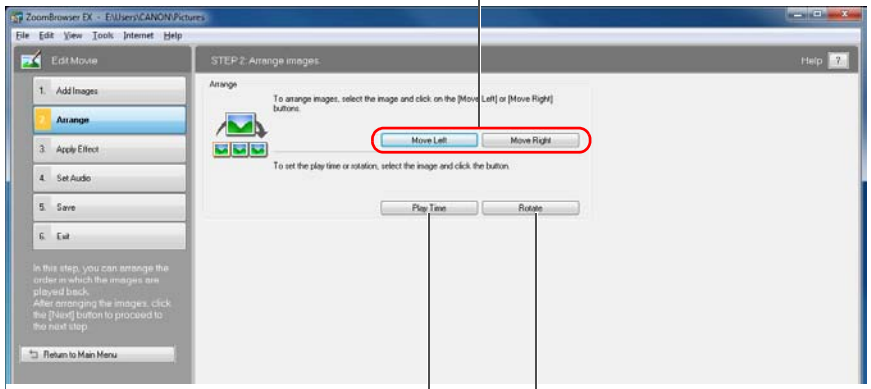
Movie editing function preferences

Remove the selected movie from the storyboard area

Transition box (icon for the special effect used in the transition between joined movies)

[Arrange] window functions

Rearrange the order of the selected movies



Set the playback range for the movie (playback start and end)*

Set rotation or mirroring for the selected movie

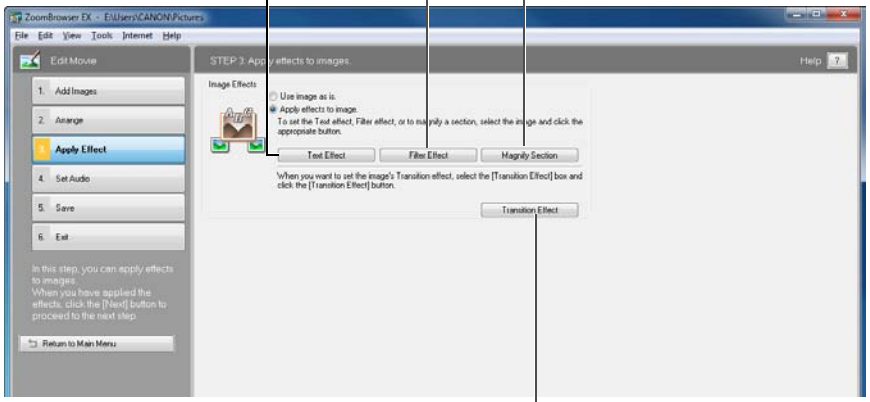
*When a still image is selected in the storyboard area, you can select the display period for the still image.

[Apply Effect] window functions

Convert the selected movie to sepia tone or monochrome

Add text to the selected movie

Enlarge part of the selected movie



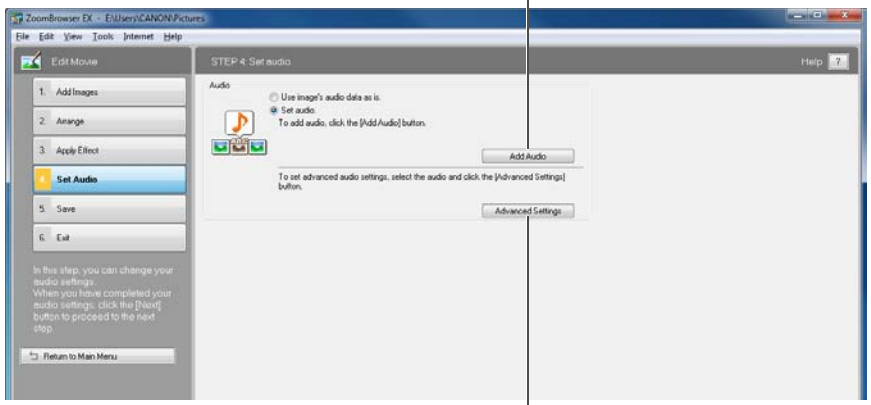
Set the effect used in the transition between movies (transition box)*

*Select the transition box in the storyboard area and then click the [Transition Effect] button to set the effect used.

When you add to the storyboard area an image with recorded audio that has been shot with a EOS-1D series camera, the audio is not automatically attached. Add the audio file in the [Set Audio] window on the next page.

● [Set Audio] window functions

Add an audio file to the selected movie*



Adjust the audio volume for the selected movie and set “Fade-in” (gradually increasing volume) and “Fade-out” (gradually decreasing volume)

*You can add an MP3 or WAV audio file as background music (BGM) or as an effects tone. When you add audio to a movie in this window, a bar showing the duration of the audio file appears under the movie’s thumbnail in the storyboard area.

4 Click the [Save] button on the left.

➜The [Save] window appears.

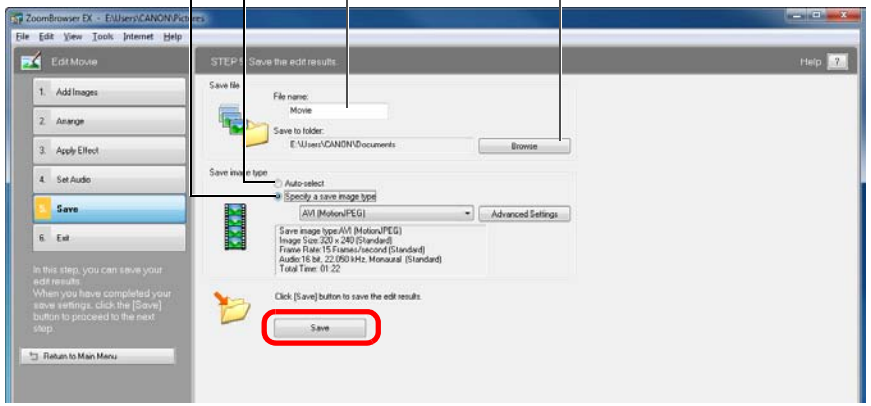
5 Specify the required settings (save destination, etc.) and then click the [Save] button.

Automatically sets the optimal size and frame rate for saved movies

Select the folder in which the movie will be saved

Set the format of the saved movie

Enter the file name

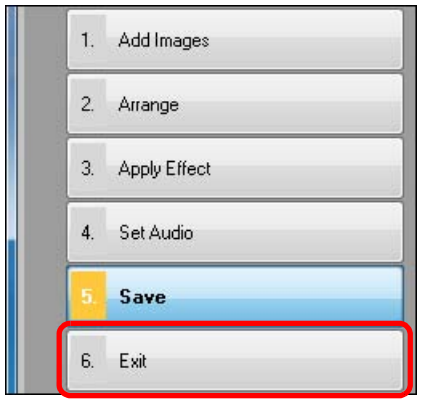


● When an image type is selected in the [Specify a save image type] list box, you can specify the [Image Size], [Frame rate]* and [Audio] settings by clicking the [Advanced Settings] button. The [Audio] sampling frequency for edited MOV movies is fixed at 48 kHz.

* Frame Rate: number of frames recorded per second

➜The edited movie is saved.

6 Click the [Exit] button on the left.



If you convert the frame rate of a movie after editing, some scenes may not playback smoothly.

- When [MOV (H.264)] is selected in the [Specify a save image type] list box in the window in step 5, the movie durations that can be saved are as shown below.

Image size	Movie durations that can be saved	
	23.976 fps / 25 fps / 29.97 fps*	50 fps / 59.94 fps*
1920 × 1080	Under 10 min.	–
1280 × 720	Under 20 min.	Under 10 min.
640 × 480	Under 30 min.	Under 20 min.
320 × 240	Under 60 min.	–

If you attempt to save a movie that is longer than the times shown above, a message appears. When this happens, shorten the movie or reduce the image size.

* The frame rates 23.976 fps, 29.97 fps and 59.94 fps are respectively displayed as 24 fps, 30 fps and 60 fps in the camera menu.

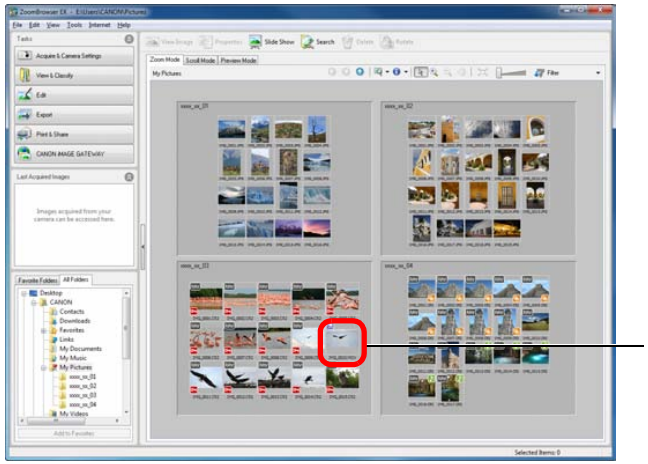
- Saving movies may take some time. Saving movies takes a particularly long time when [MOV (H.264)] is selected in the [Specify a save image type] list box.

E.g.) Saving a 1-minute movie with an image size of 1920 × 1080 takes about 10 minutes depending on the system requirements (p.87).
Time taken to save varies largely with factors including computer performance and image size, and may take an even longer time.

Cutting Movies

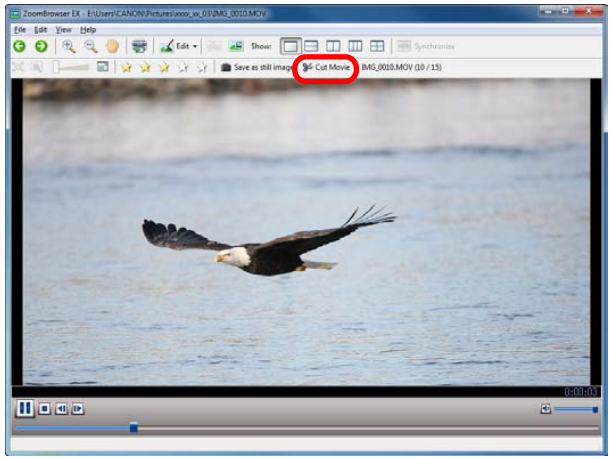
You can cut any favorite scene from a movie you have shot.

1 Double-click the movie you want to play.



➜The viewer window appears and the movie plays.

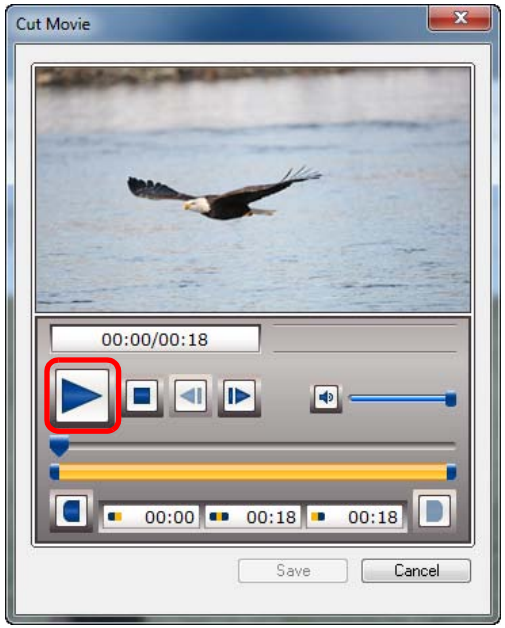
2 Click the [Cut Movie] button.



➜Check the message in the dialog box that appears and click the [OK] button. The [Cut Movie] window appears.

3 Click the [▶] button.

Cut Movie window

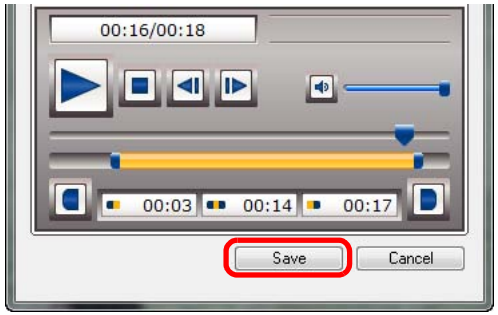


➜The movie begins to play.

4 Click the [◗] button at the position you want to set as the start point, click the [▶] button again to play the movie, and click the [◗] button at the position you want to set as the end point.

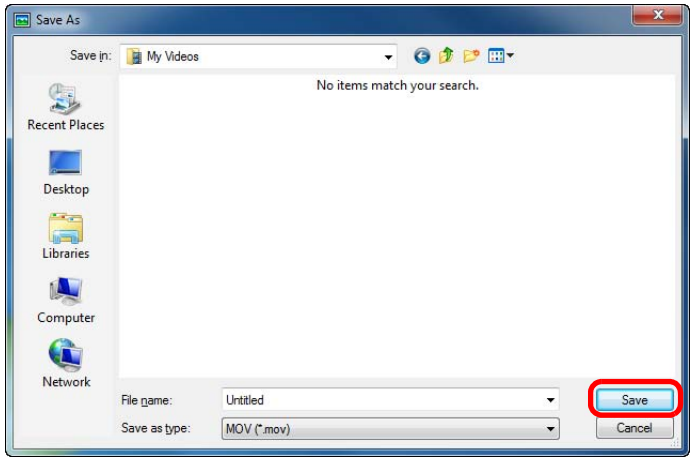
➜The movie is cut.

5 Click the [Save] button.



➜The [Save As] window appears.

6 Specify the file name and save destination and then click the [Save] button.



➜The cut movie is saved as a separate movie from the original movie.

Using the Video Snapshot Album Window

You can both play and edit Video Snapshot Albums that were shot on an EOS DIGITAL camera and downloaded to your computer. Edition functions include changing the order or deleting Video Snapshots and adding background music to Video Snapshot Albums.
This function cannot be used to edit movies other than Video Snapshot Albums.

Playing Video Snapshot Albums

1 Select an image (Video Snapshot Album) in the main window.

- Images with [ ] on the thumbnail are EOS Video Snapshot albums.

2 Click the buttons [Edit] ▶ [Edit EOS Video snapshot].

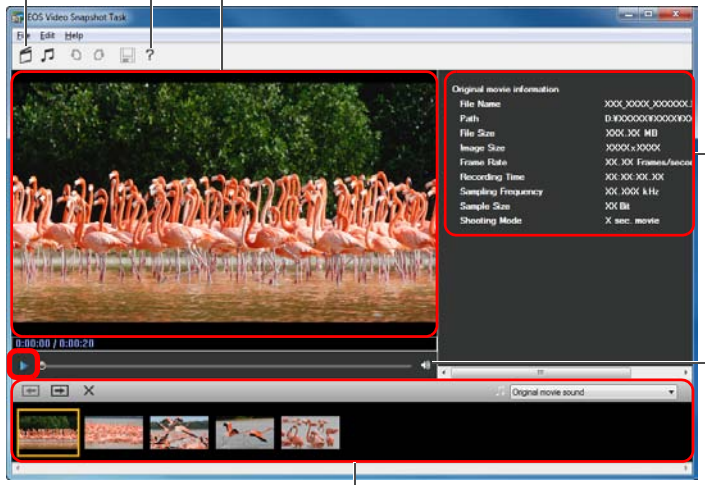
➜The Video Snapshot Album window appears.

3 Click the [▶] button.

Opens another Video Snapshot

Displays detailed instructions

Displays Video Snapshot selected in Thumbnail area

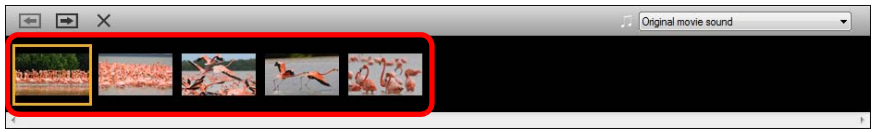


➜A Video Snapshot Album plays.

Editing Video Snapshot Albums

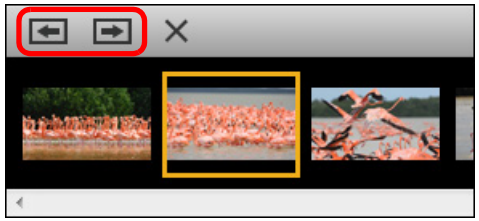
Changing the Order of Video Snapshots

1 Select a Video Snapshot in the Thumbnail area.



2 Click the [◀] or [▶] button.

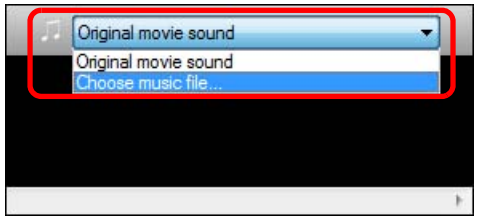
- Clicking the [◀] button switches order with the left Video Snapshot, clicking the [▶] button switches with the right Video Snapshot.



- You can delete a Video Snapshot by selecting a Video Snapshot and clicking the [✕] button.
- You can undo an edit by clicking the [↶] button on the top left of the window, and redo it by clicking the [↷] button.

Adding Background Music to Video Snapshot Albums

1 Select [Choose music file] in the [♫] list box in the Thumbnail area.

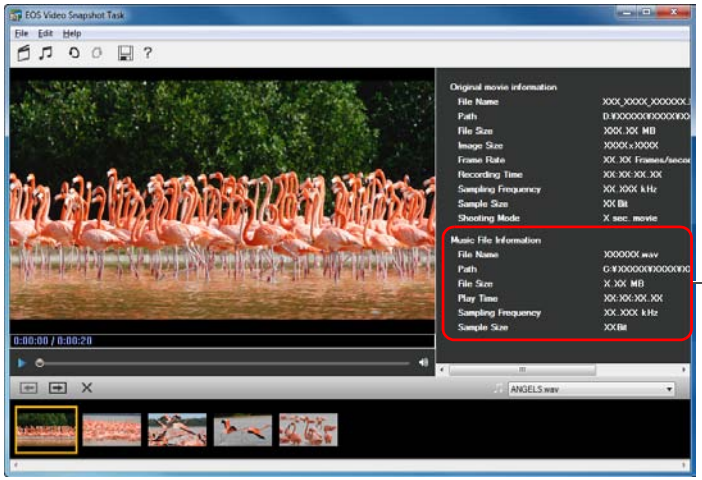


- You can also display the [Open music file] dialog box by clicking the [♫] button on the top left of the Video Snapshot Album window.

➜ The [Open music file] dialog box appears.
(When you display the [Open music file] dialog box, the [EOS Sample Music] files open.)

2 Select a music file and click the [Open] button.

➜Music is added and the music file information is displayed.



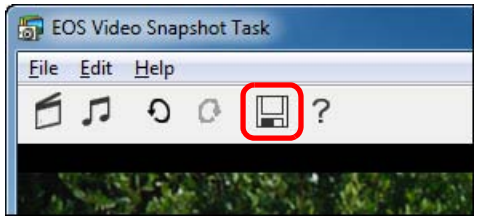
- When [Original movie sound] is selected in the [ ] list box in step 1, music file information is not displayed.

Video Snapshot Albums that have been edited other than with this function cannot be re-edited.

Video Snapshot Albums edited with this function can be played on EOS REBEL T3i/600D.

Saving Edited Video Snapshot Albums

1 Click the [ ] button on the top left of the window.

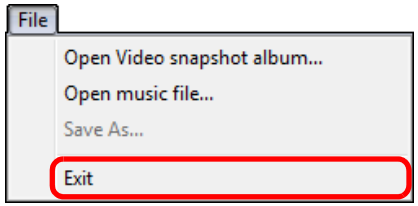


➜The [Save As] window appears.

2 Specify a save destination, enter a filename, and click the [Save] button.

Exiting the Video Snapshot Album Window

Select the [File] menu ▶ [Exit].



➜The Video Snapshot Album window exits.

Utilizing Your Images

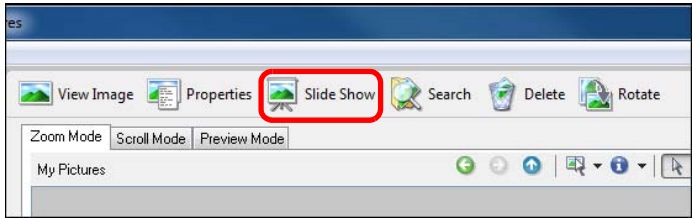
You can view your images as a slide show, send them in an e-mail or use them as wallpaper or screen savers for your computer.

Viewing Images as a Slide Show

You can display selected images in full screen and switch between them as a slide show.

1 Select images.

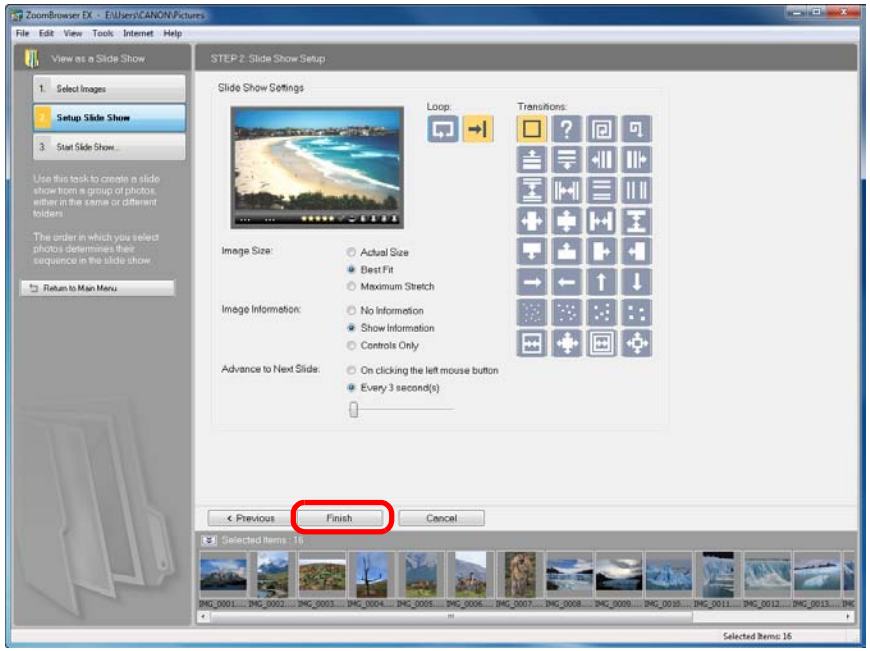
2 Click [Slide Show].



➜The [View as a Slide Show] window appears.

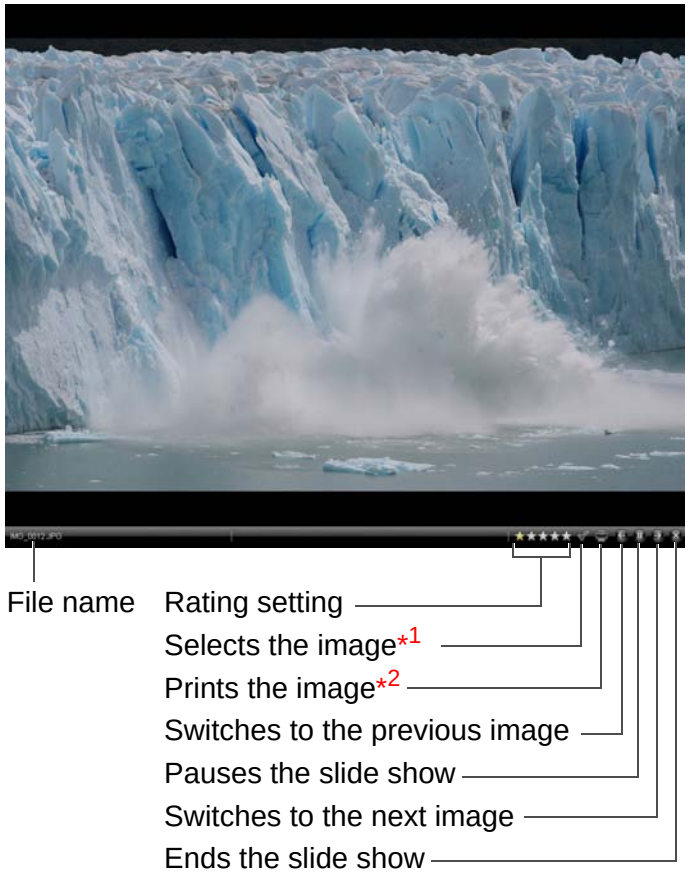
3 Set the slide show style and then click the [Finish] button.

View as a Slide Show window



➜The Slide Show window appears and the slide show begins.

Slide Show window



*1 The image is selected. When the slide show ends and returns to the main window, the image is displayed as being selected.

*2 The image is selected for printing. When the slide show ends and returns to the main window, the print dialog box is displayed.

➜When all the images have been displayed, the Slide Show window closes and returns to the main window.

● To end the slide show half-way through, click [ ].

Sending an Image by E-Mail

You can attach a selected image to an e-mail and send it.
The attached image to be sent is a copy of the original image and therefore the original image remains unaffected on your computer.
Please note that the e-mail software for attaching and sending an image selected in ZB is MAPI-compatible software. Please consult the Instruction Manual for your e-mail software for settings related to MAPI.

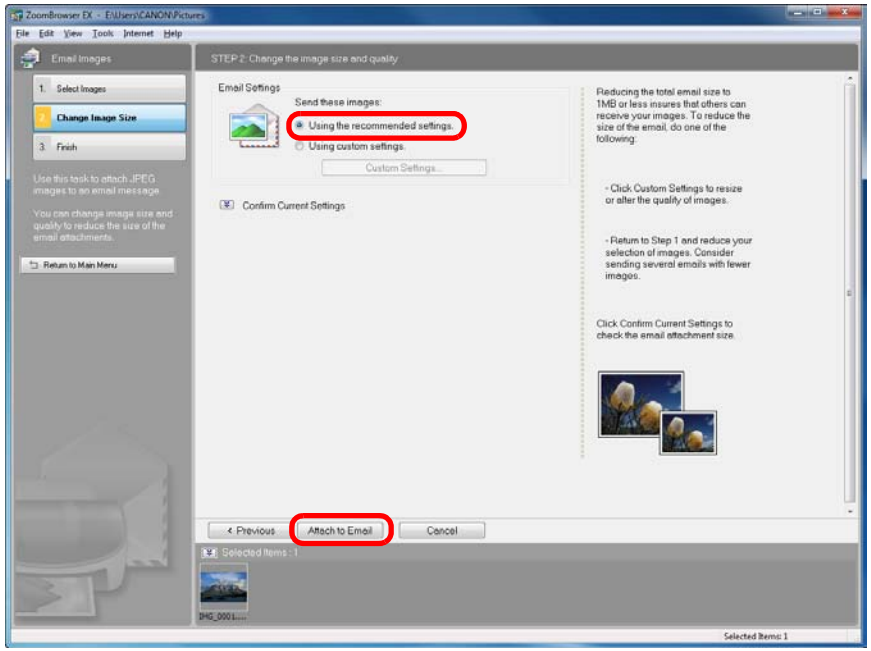
1 Select an image.

2 Click the buttons [Print & Share] ▶ [Email Images].

➜The [Email Images] window appears.

3 Select [Using the recommended settings.], and then click the [Attach to Email] button.

Email Images window


Email Images
Select Images
Change Image Size
Finish
STEP 2: Change the image size and quality
Email Settings
Send these images:
Using the recommended settings.
Using custom settings.
Custom Settings...
Confirm Current Settings
Reducing the total email size to 1MB or less insures that others can receive your images. To reduce the size of the email, do one of the following:
- Click Custom Settings to resize or alter the quality of images.
- Return to Step 1 and reduce your selection of images. Consider sending several emails with fewer images.
Click Confirm Current Settings to check the email attachment size.
Return to Main Menu
< Previous
Attach to Email
Cancel

➜The e-mail software starts up and the image is attached to an e-mail.

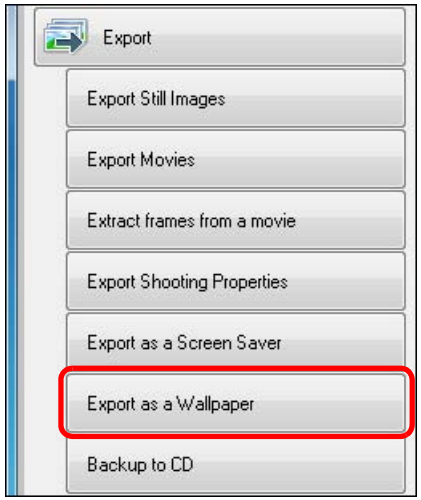
● Enter the address and a message and send the e-mail.

Creating Wallpaper from an Image

You can make a selected image wallpaper for your computer.
The bitmap image for the wallpaper (extension ".BMP") is created using a copy of an image and therefore the original image remains unaffected.

1 Select an image.

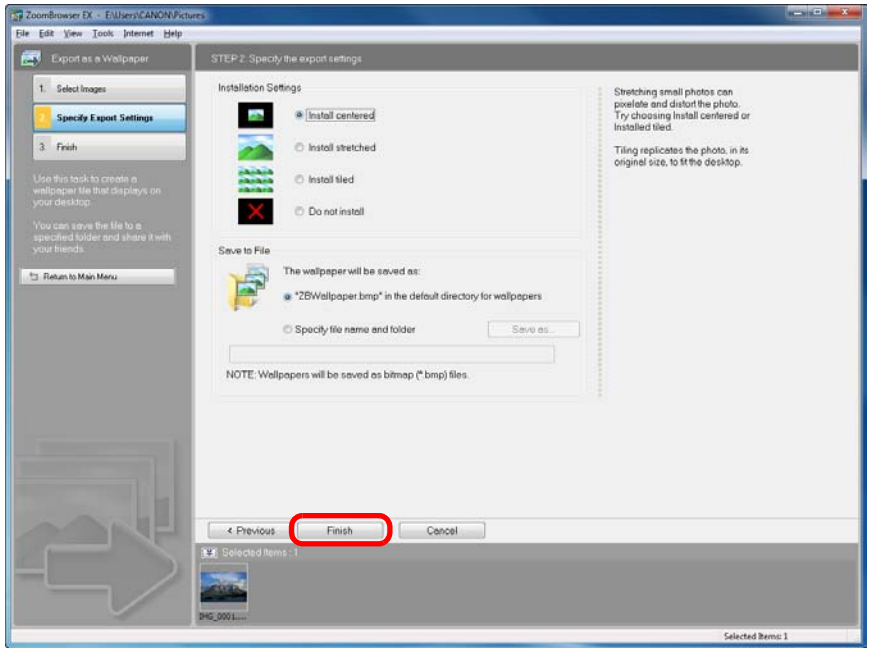
2 Click the buttons [Export] ▶ [Export as a Wallpaper].



➜The [Export as a Wallpaper] window appears.

3 Specify the layout and the save destination for the wallpaper, and then click the [Finish] button.

Export as a Wallpaper window


Export as a Wallpaper
STEP 2: Specify the export settings
1. Select Images
2. Specify Export Settings
3. Finish
Return to Main Menu
Installation Settings
Install centered
Install stretched
Install tiled
Do not install
Stretching small photos can pixelate and distort the photo. Try choosing Install centered or Installed tiled.
Tiling replicates the photo, in its original size, to fit the desktop.
Save to File
The wallpaper will be saved as:
"ZBWallpaper.bmp" in the default directory for wallpapers
Specify file name and folder
Save as...
NOTE: Wallpapers will be saved as bitmap (*.bmp) files.
< Previous
Finish
Cancel
Selected Items: 1

➜The image you selected for your wallpaper is applied as wallpaper.

➜The image you selected for your wallpaper is saved in the specified folder.

? To revert to the original wallpaper

1 On the desktop, right-click with the mouse and in the menu that appears, select [Properties].

2 Select the [Desktop] tab sheet.

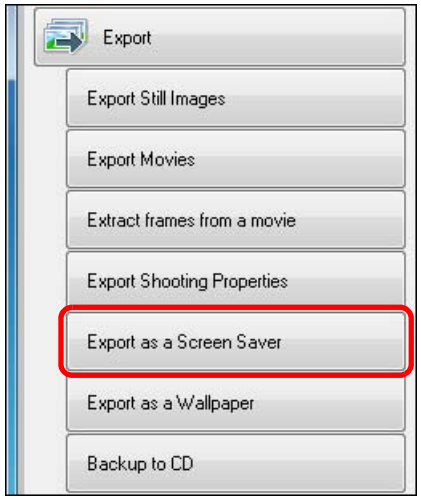
3 Select the file to become the wallpaper and then click the [OK] button.

Creating a Screen Saver from an Image

You can make a selected image a screen saver for your computer. The data for the screen saver (extension ".SCR") is created using a copy of an image and therefore the original image remains unaffected.

1 Select an image.

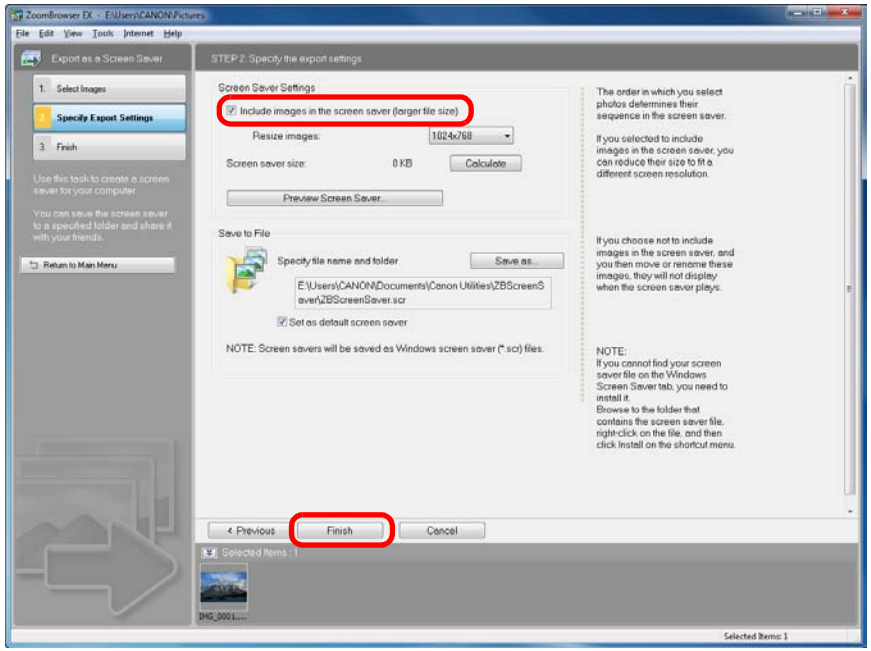
2 Click the buttons [Export] ▶ [Export as a Screen Saver].



➜The [Export as a Screen Saver] window appears.

3 Checkmark [Include images in the screen saver] and click the [Finish] button.

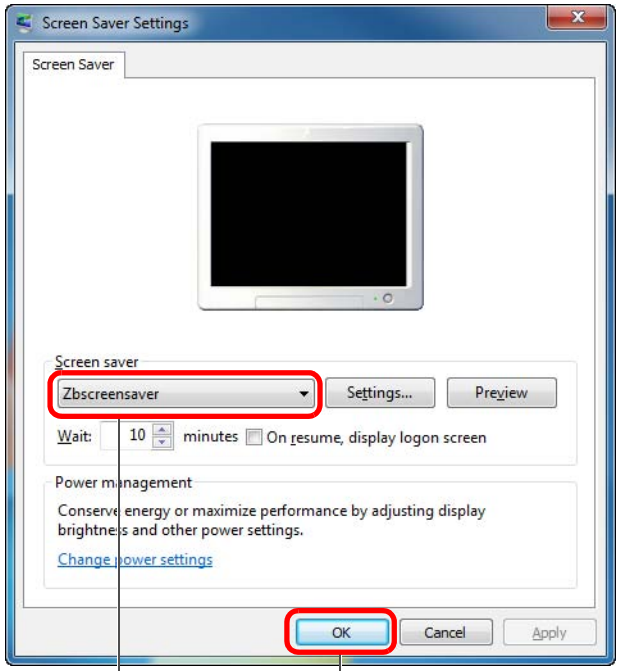
Export as a Screen Saver window



➜The data for the screen saver is saved in the specified folder.

4 Specify the saved screen saver on your computer.

- On the desktop, right-click with the mouse and in the menu that appears, select [Personalize]. Click [Screen Saver] in the dialog box that appears to display the [Screen Saver] tab sheet.
- Depending on your OS, right-click with the mouse on the desktop and select [Properties]. In the [Display Properties] dialog box that appears, display the [Screen Saver] tab sheet.



Applies the selected screen saver data

Select the saved screen saver data

About the [Include images in the screen saver] checkbox

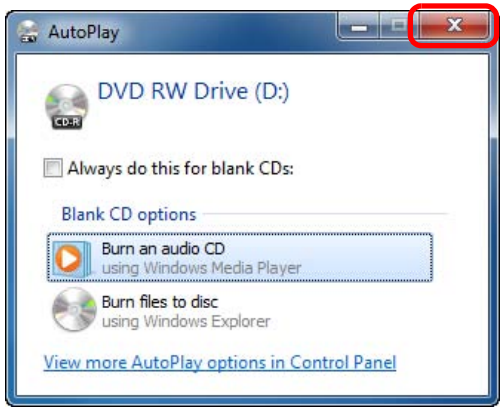
When you checkmark [Include images in the screen saver] in step 3, the original image is copied to create the data for the screen saver. This means that even if the original image is deleted or the file name is changed, it does not affect the screen saver. However, if you remove the check mark, the data is created using the original image, and if the original image is deleted or the file name is changed, the screen saver will not work properly.

Writing Images to a CD

You can write selected images to a CD.
This function is only compatible with computers equipped with a CD-R/RW drive as standard.

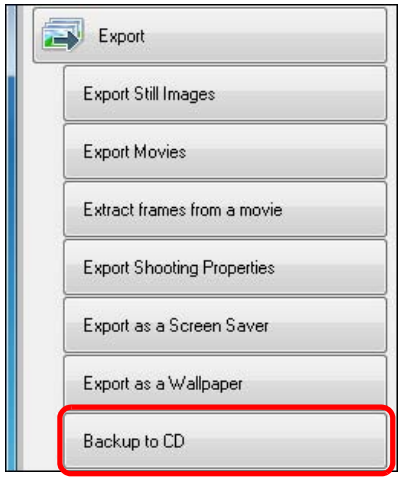
1 Insert a CD-R/RW disk in the CD-R/RW drive.

- When the dialog box below appears, click the [X] button to close the dialog box.


AutoPlay
DVD RW Drive (D:)
Always do this for blank CDs:
Blank CD options
Burn an audio CD
using Windows Media Player
Burn files to disc
using Windows Explorer
View more AutoPlay options in Control Panel

2 Select the images you want to write to the CD.

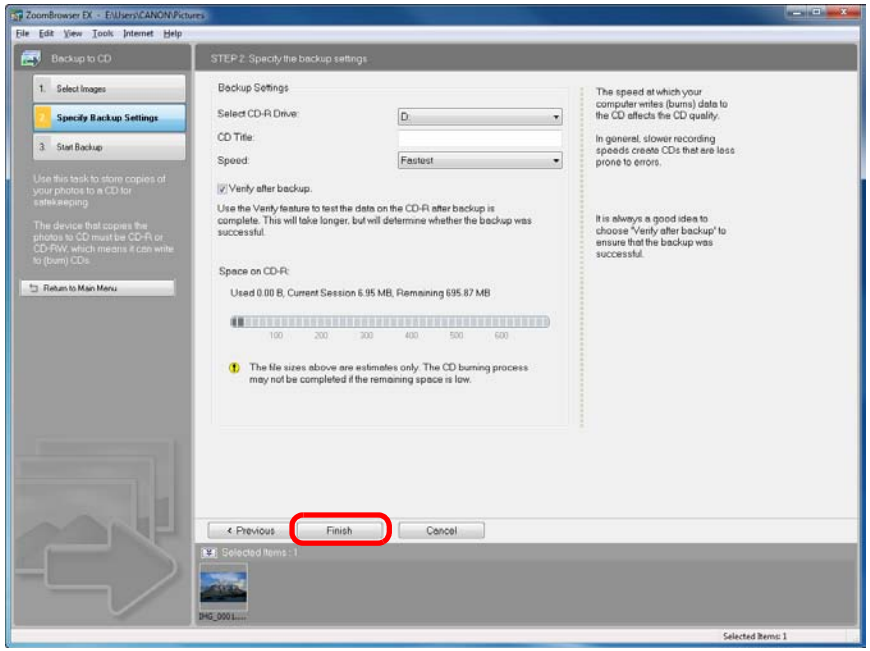
3 Click the buttons [Export] ▶ [Backup to CD].



➜The [Backup to CD] window appears.

4 Specify the settings for writing to the CD-R/RW disk and then click the [Finish] button.

Backup to CD window



➜Writing to the CD-R/RW begins.

Printing Multiple Images on One Sheet of Paper (Index Printing)

You can arrange multiple images in index format and print them on one sheet of paper.

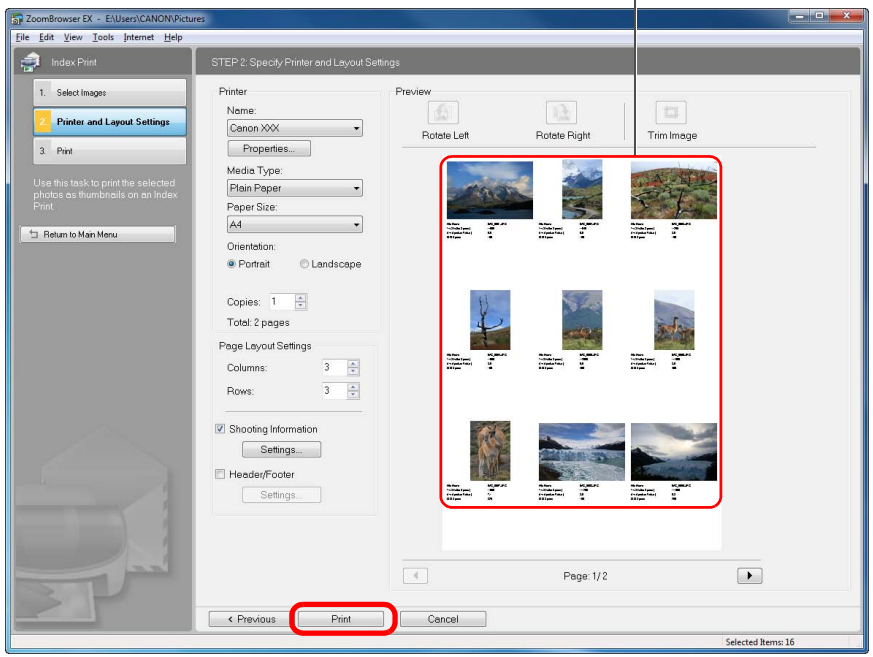
1 Select the images.

2 Click the buttons [Print & Share] ▶ [Index Print].

➜The [Index Print] window appears.

3 Specify settings such as the paper type and the number of prints, and then click the [Print] button.

Index Print window



➜Printing begins.

For a list of index print window functions, refer to p.95.

3 High-Level Functions

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Comparing Multiple Images

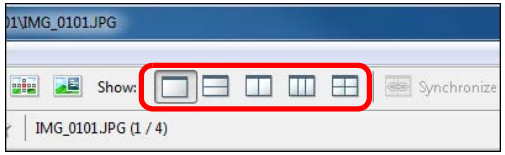
To compare multiple images, you can split the viewer window into two, three or four and display multiple images at the same time.
You can also align the display position of enlarged images and compare.

1 In the main window, select the images you want to compare (p.11).

2 Click [View Image] (p.88).

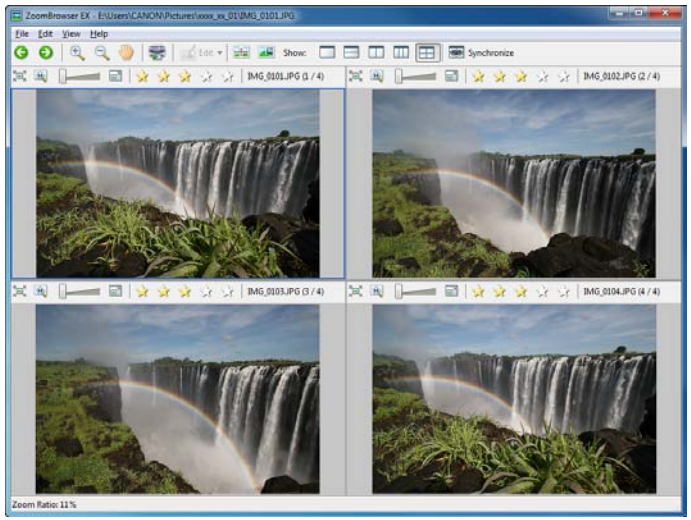
➜The viewer window appears.

3 Select the number of images you want to display at the same time.

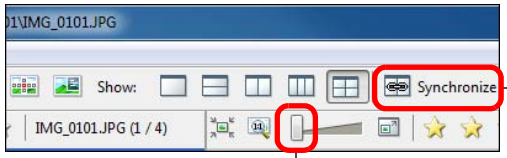


➜The viewer window is split and the multiple images are displayed at the same time.

Example of display when [ ] is clicked

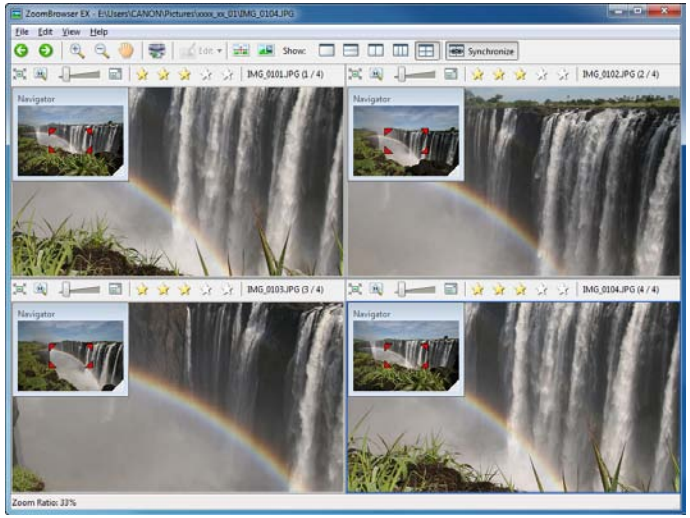


4 Click [Synchronize] and then enlarge the image.



Click

Drag right to change the display magnification



➜The synchronize display appears and all the images are displayed at the same display magnification and in the same position.

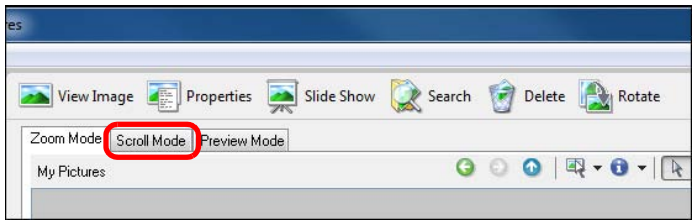
➜The [Navigator] window that displays the enlargement display position appears and you can check and move the enlargement display position (p.23).

- Click [Synchronize] again to cancel the synchronize display. You can now change the display magnification and move the enlargement display position for each image.
- To return to full view, click [ ] on the top left of each window.
- To cancel the split display, click [ ] at the top of the window.

Listing Images by Folder Level

You can switch the main window display to Scroll Mode that displays in folder levels and simultaneously view multiple folders and images inside the folders. You can also set the level to which images and folders are displayed in the window, which makes looking for the folders and images you want easier.

1 Click the [Scroll Mode] tab sheet.

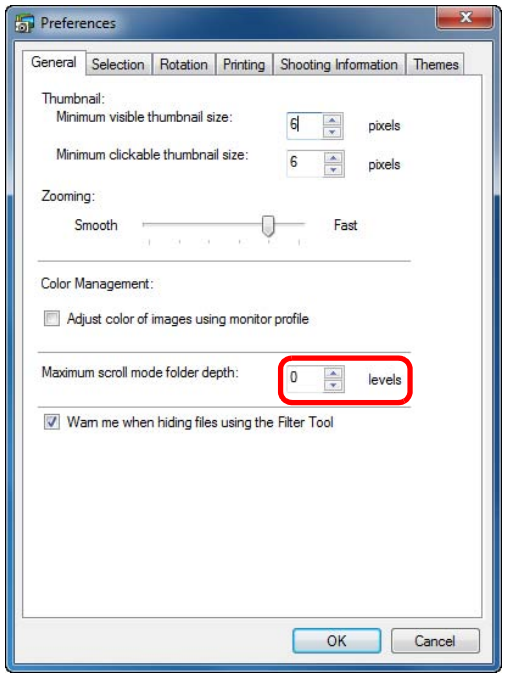


➜The display in the main window switches to Scroll Mode.

2 Select the [Tools] menu ▶ [Preferences].

➜The [Preferences] window appears.

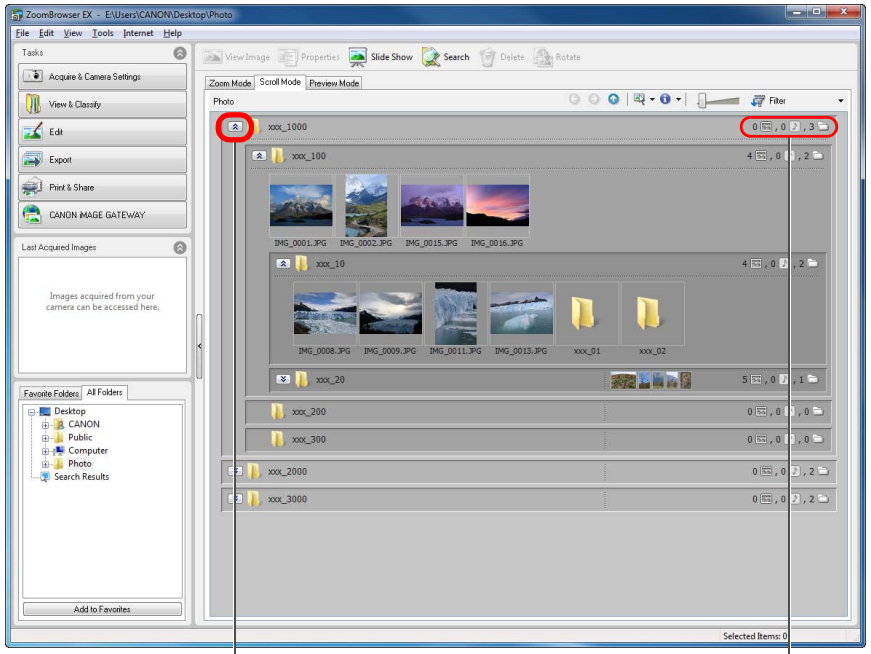
3 Change the depth of the folder level to be displayed.



4 Click the [OK] button.

➜The main window is displayed at the folder depth you set.

Example of display when you have set the folder level setting [3]



➜Folders up to the third level and images inside the folders are displayed in the window.

- Folders at or higher than the fourth level are displayed as folder icons. Double-click these folders to display images and folders inside the folders.

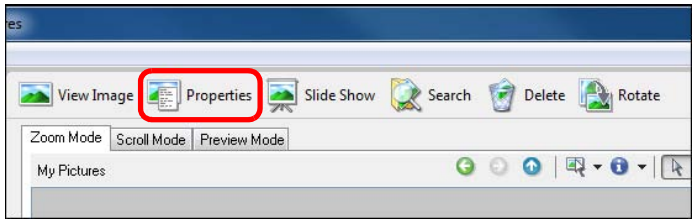
For a list of Scroll Mode window functions, refer to p.89.

Viewing Shooting Information for an Image

1 **Enable Zoom Mode (p.88) or Scroll Mode (p.89).**

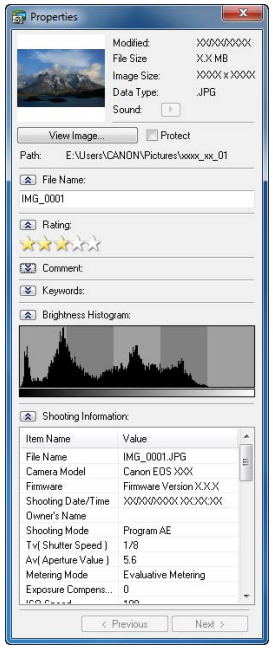
2 **Select the image for which you want to view the information.**

3 **Click [Properties].**



➜The [Properties] window (image information window) appears.

Properties window



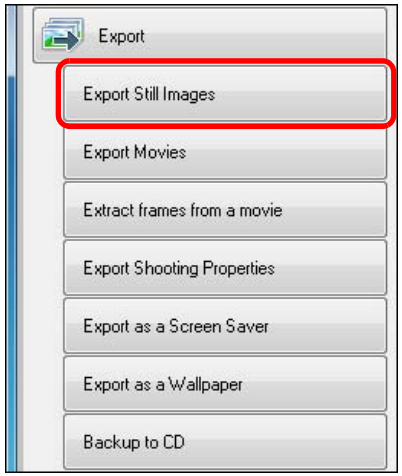
In Preview Mode, the same information as the [Properties] window is displayed on the information display area (p.90).

Changing the Size and Type of an Image and Saving

You can change the size of an image or convert it to a TIFF image (extension ".TIFF") or a bitmap image (extension ".BMP") and save it. Because the image is saved as a separate image, the original image remains unaffected.

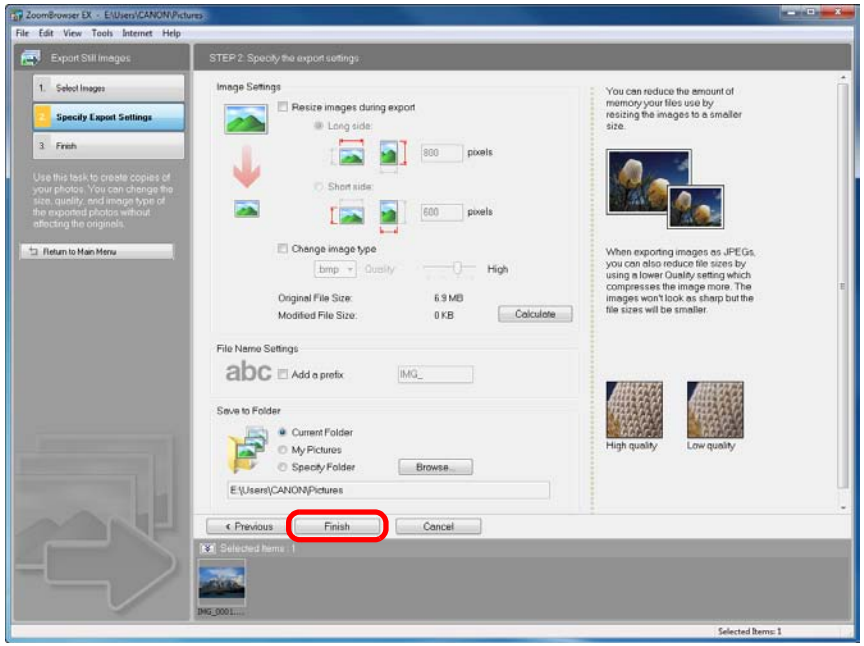
1 Select an image.

2 Click the buttons [Export] ▶ [Export Still Images].



➜The [Export Still Images] window appears.

3 Specify the image size, type, file name and save destination, and then click the [Finish] button.



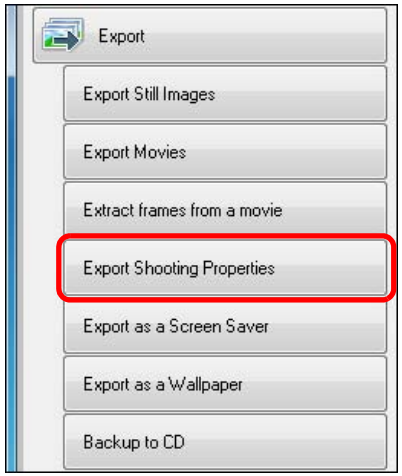
➜The image is saved as an image separate from the original image.

Exporting Shooting Information

You can export as a text file the shooting information recorded to the image.

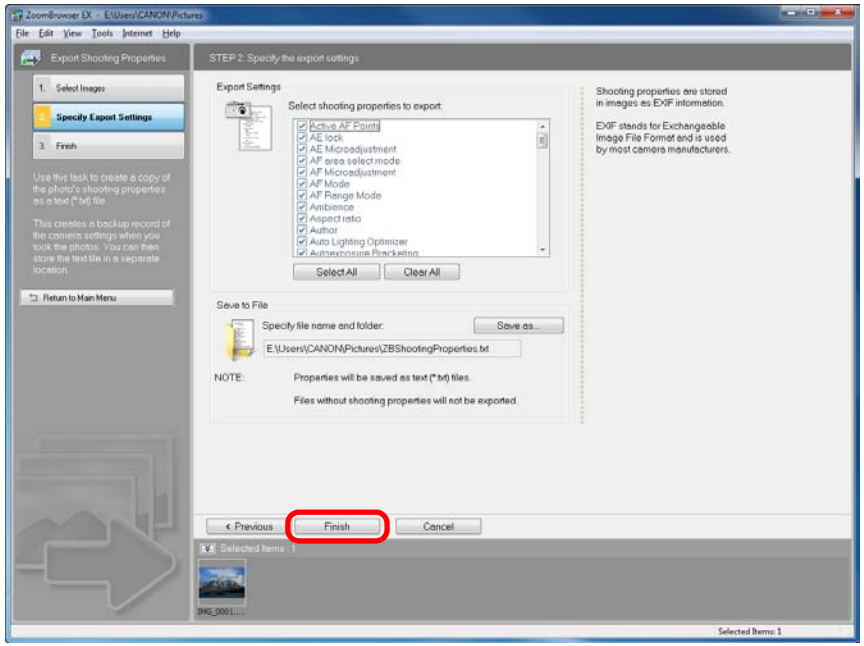
1 Select an image.

2 Click the buttons [Export] ▶ [Export Shooting Properties].



➜The [Export Shooting Properties] window appears.

3 Specify the export shooting information and save destination, and then click the [Finish] button.



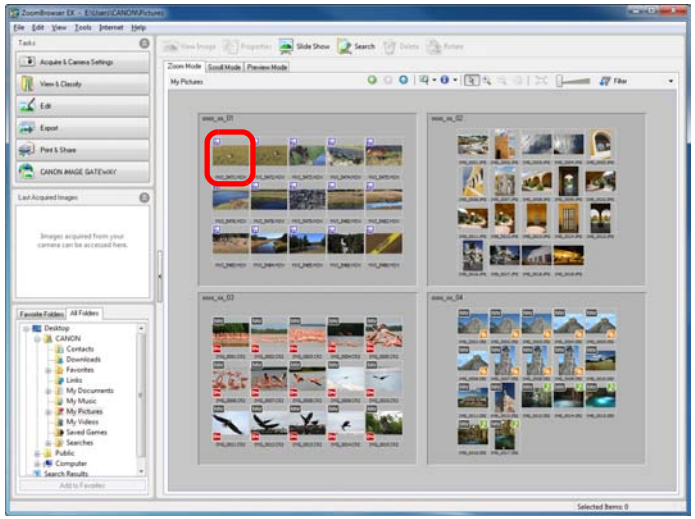
➜The shooting information is saved as a text file (extension ".TXT").

Exporting Movies

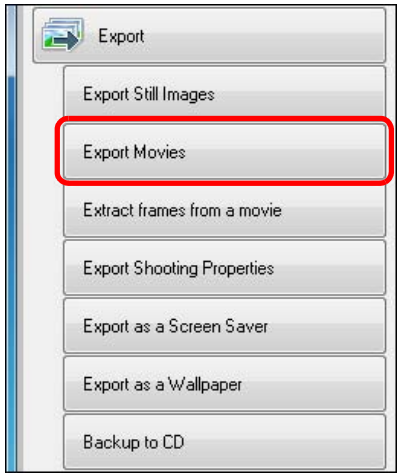
You can change the size or type of a movie and then export it as a separate file.

Once you have exported movies using this function, you cannot play them back on the camera.

1 Select the movie.

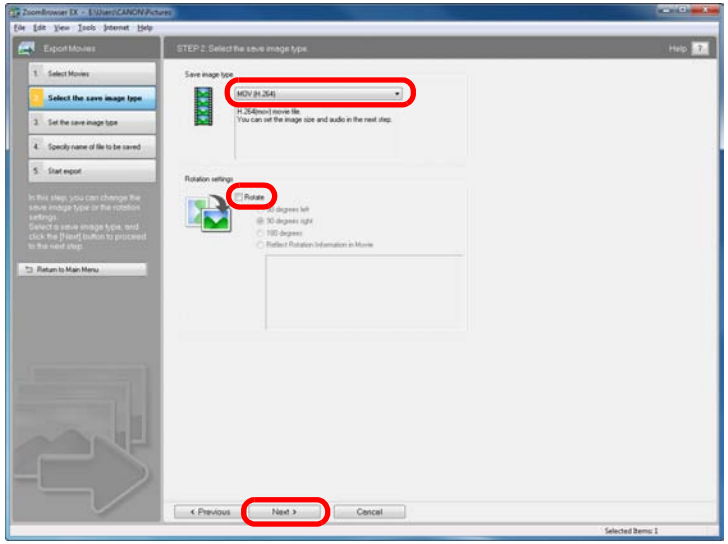


2 Click the buttons [Export] ▶ [Export Movies].



➜The [Select the save image type] window appears.

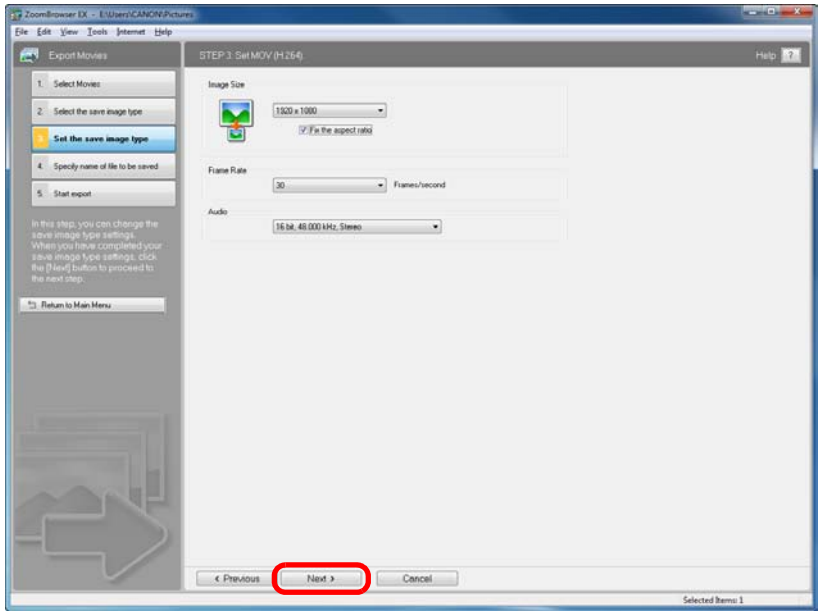
3 Select the image type you want to save and click the [Next] button.



● Specify the [Rotation settings] as necessary

➜The [Set the save image type] window appears.

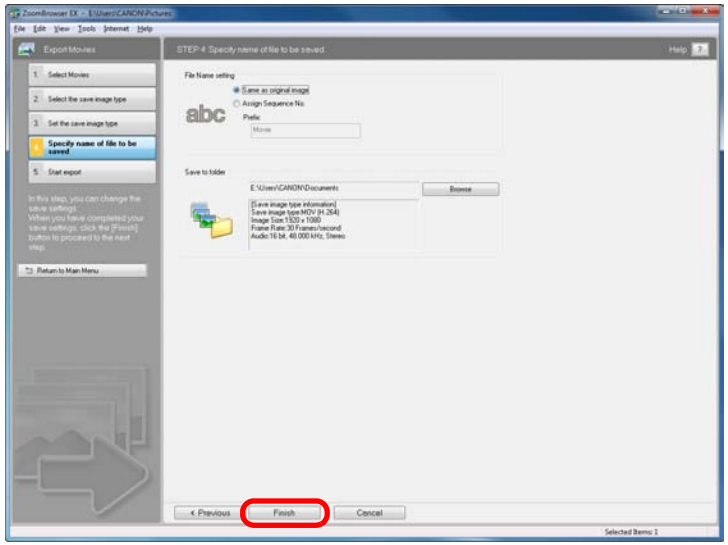
4 Set the image type you want to save and click the [Next] button.



- When [MOV (H.264)] is selected in the [Save image type] list box in the window in step 3, you can specify the [Image Size], [Frame Rate] and [Audio] settings. The [Audio] sampling frequency for edited MOV movies is fixed at 48 kHz. When [AVI (MotionJPEG)] is selected, you can specify the [Image Size], [Frame Rate], [Image Quality] and [Audio] settings.

➜The [Specify name of file to be saved] window appears.

5 Specify the required settings (saved file name, save destination, etc.) and then click [Finish].



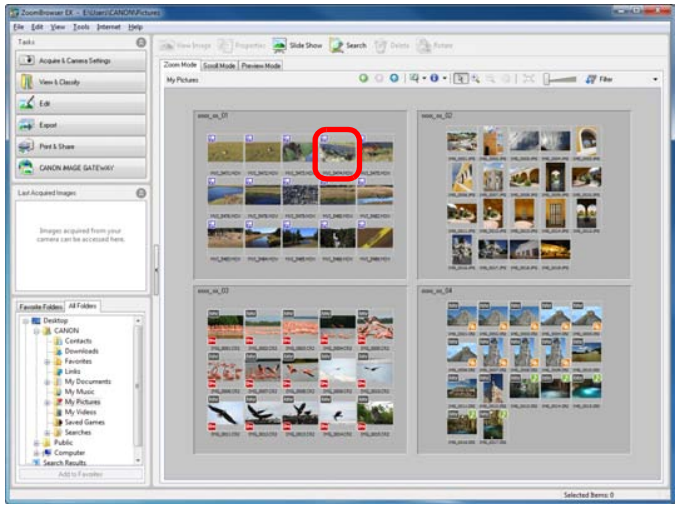
➜Movie exporting begins.

Some time is taken to export movies. For detailed information, refer to on p.43.

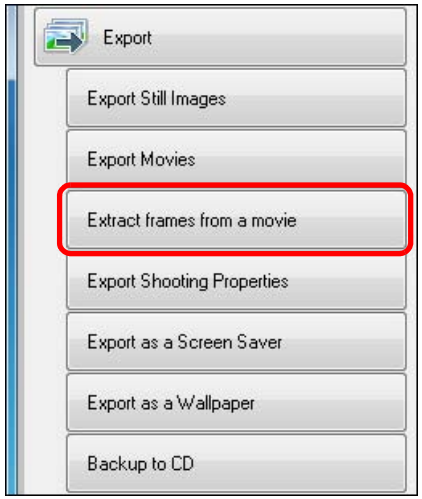
Extracting Still Images from a Movie

You can extract still images from a movie and save them as image files.

1 Select the movie.

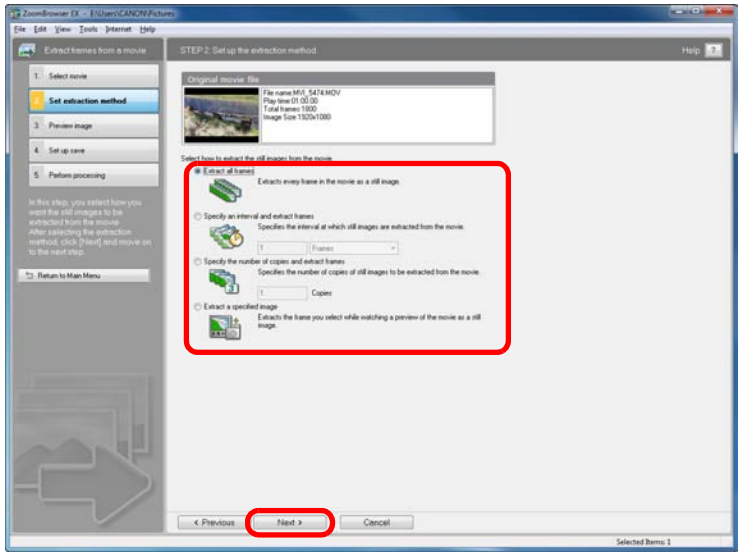


2 Click the buttons [Export] ▶ [Extract frames from a movie].



➜The [Set extraction method] window appears.

3 Set the extraction method and click the [Next] button.

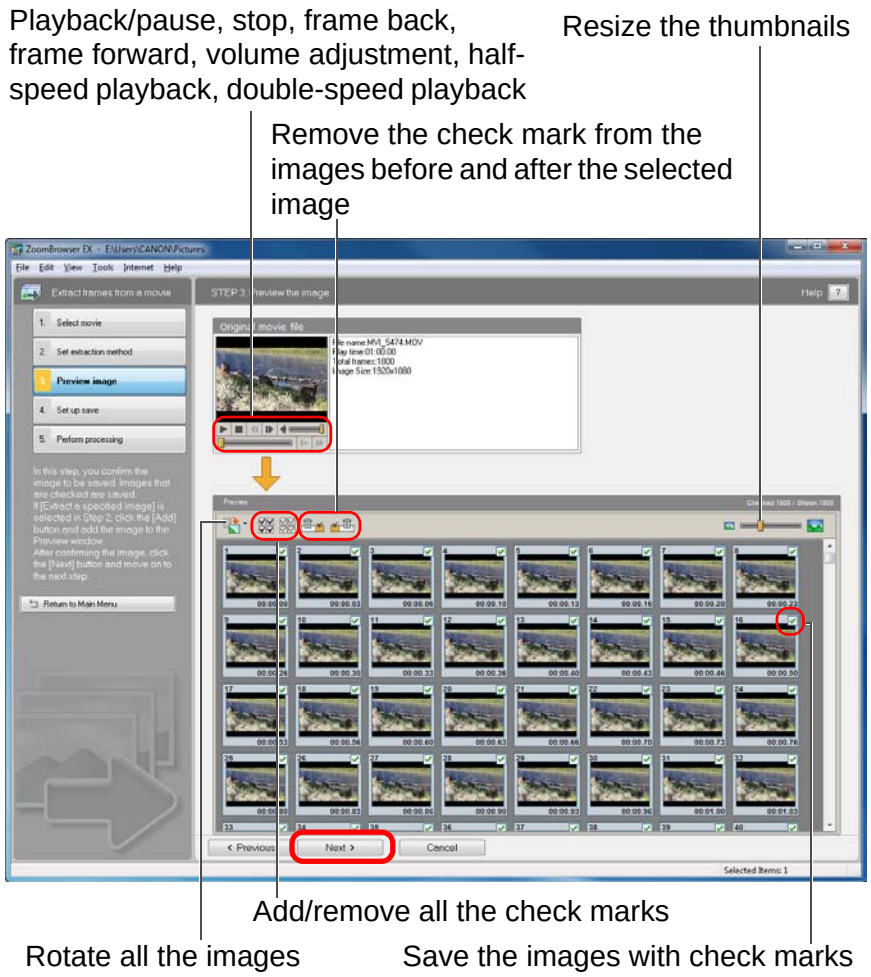


- **[Extract all frames]**
  This option extracts all the frames in a movie as still images.
- **[Specify an interval and extract frames]**
  This option extracts still images from a movie at intervals of a set number of frames or seconds.
- **[Specify the number of copies and extract frames]**
  This option extracts a specified number of still images from the frames of a movie. The interval at which each of the specified number of images is extracted is calculated evenly across the movie's number of frames.
- **[Extract a specified image]**
  This option extracts a still image of a scene of your choice during movie playback.

➜The [Preview image] window appears.

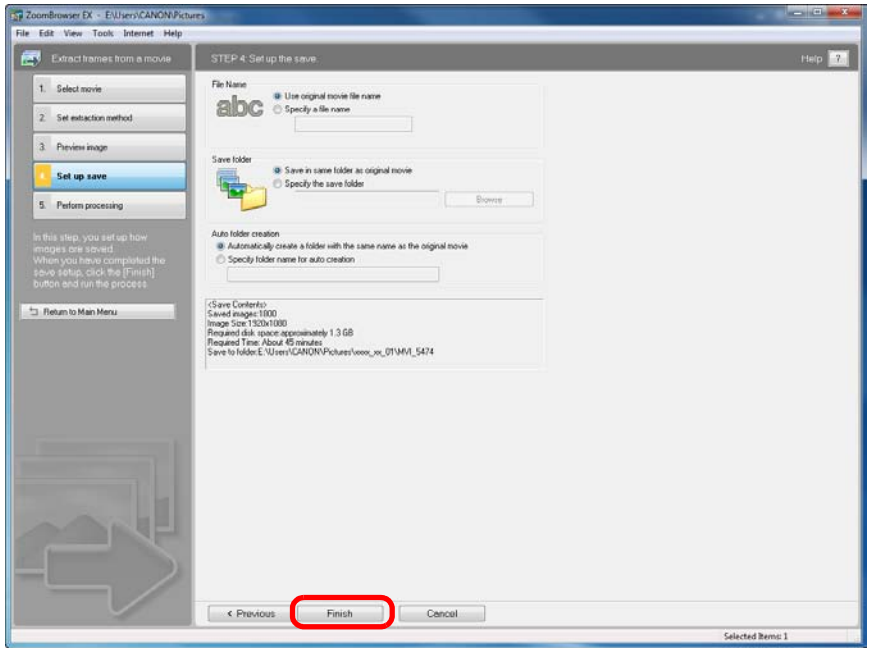
4 Check the extracted images and click the [Next] button.

- When [Extract a specified image] is selected in the window in step 3, you can play the movie in the upper section of the window and extract an image by clicking the [Add] button when you reach a scene you like.


Playback/pause, stop, frame back, frame forward, volume adjustment, half-speed playback, double-speed playback
Resize the thumbnails
Remove the check mark from the images before and after the selected image
Add/remove all the check marks
Rotate all the images
Save the images with check marks

➜The [Set up save] window appears.

5 Specify the required settings (save destination, etc.) and then click the [Finish] button.



➜Still image extraction begins.

Organizing Images Using High-Level Functions

You can organize images using high-level functions such as setting keywords and entering comments, renaming multiple files in a single operation and classifying images by shot year/month/date, all of which are useful when organizing your images.

Setting Keywords in Images

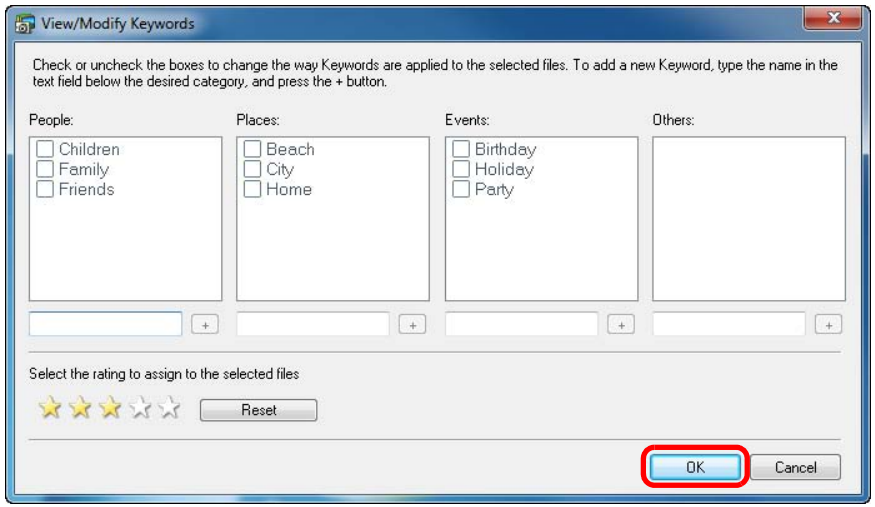
You can set keywords to identify images. The set keywords are also useful when searching for images (p.68).

1 Display the [Properties] window (p.58).

2 Click the [ ] button in [Keywords] and then click the [View/Modify Keywords].

➜The [View/Modify Keywords] dialog box appears.

3 Select the keyword(s) and then click the [OK] button.



➜The keyword is set in the image.

Entering Comments into Images

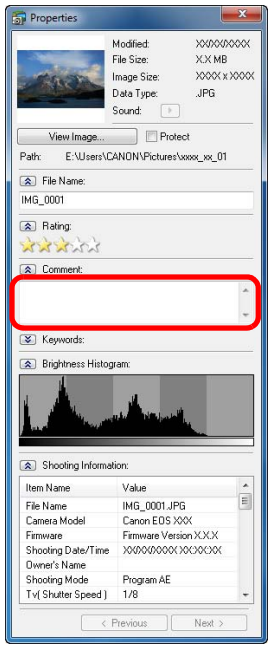
You can enter information relating to images as comments. The entered comments are also useful when searching for images (p.68).

1 Display the [Properties] window (p.58).

2 Click the [ ] button in [Comment].

➜A field for entering comments is displayed.

3 Enter text and then press the < Enter > key on the keyboard.



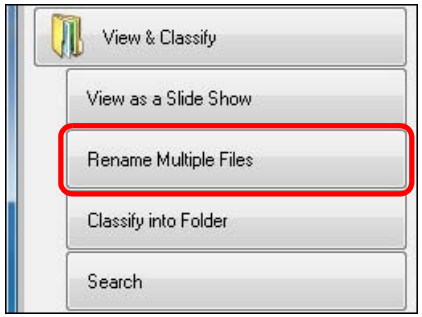
➜The entered text is saved in the image.

Saving Multiple Images with New File Names

You can copy multiple images and save them with new file names in a single operation.

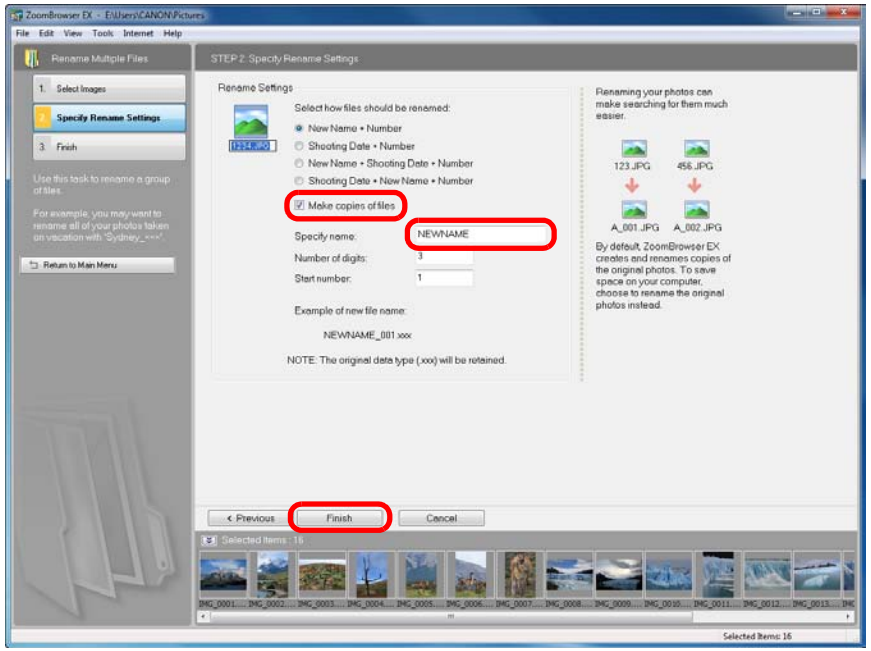
1 **Select all the images you want to save with new file names** (p.11)**.**

2 **Click the buttons [View & Classify] ▶ [Rename Multiple Files].**



➜The [Rename Multiple Files] window appears.

3 **Checkmark [Make copies of files], enter the file name and then click the [Finish] button.**


Rename Multiple Files
STEP 2: Specify Rename Settings
Rename Settings
Select how files should be renamed:
New Name + Number
Shooting Date + Number
New Name + Shooting Date + Number
Shooting Date + New Name + Number
Make copies of files
Specify name:
NEWNAME
Number of digits:
Start number:
Example of new file name:
NEWNAME_001.xxx
NOTE: The original data type (.xxx) will be retained.
Renaming your photos can make searching for them much easier.
123.JPG
456.JPG
A_001.JPG
A_002.JPG
By default, ZoomBrowser EX creates and renames copies of the original photos. To save space on your computer, choose to rename the original photos instead.
< Previous
Finish
Cancel

➜Images separate from the original images are saved with the new names.

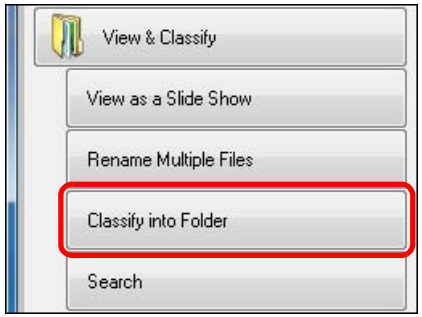
In step 3, if you remove the check mark from [Make copies of files] in the window, please be aware that the file name for all the selected images including the original images changes.

Classifying Images by Shot Date

Multiple images can be classified into different folders according to shot date.

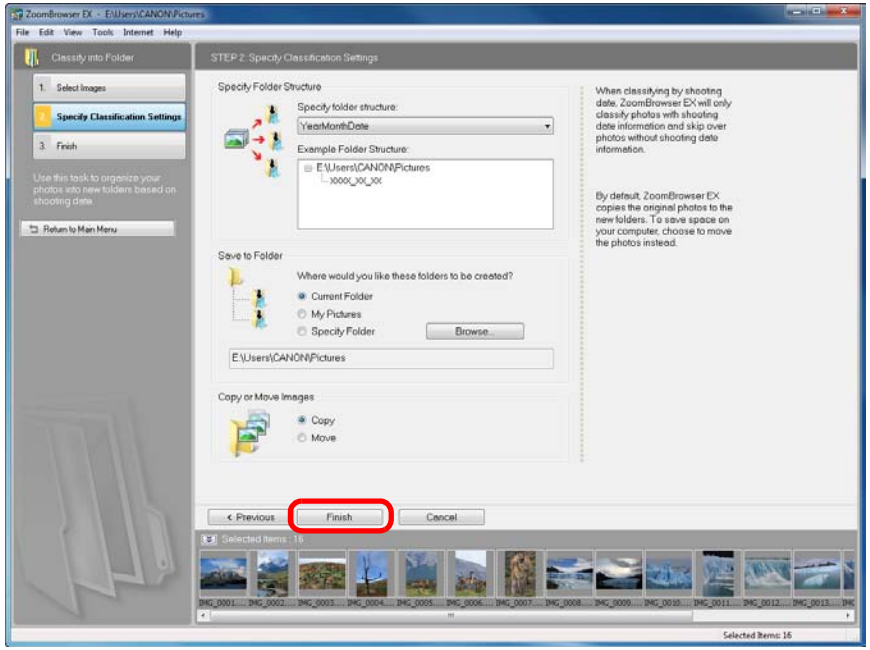
1 **Select all the images to be classified** **(p.11)****.**

2 **Click the buttons [View & Classify] ▶ [Classify into Folder].**



➜The [Classify into Folder] window appears.

3 **Specify the folder structure and save destination, and then click the [Finish] button.**



➜Images are classified by shot date.

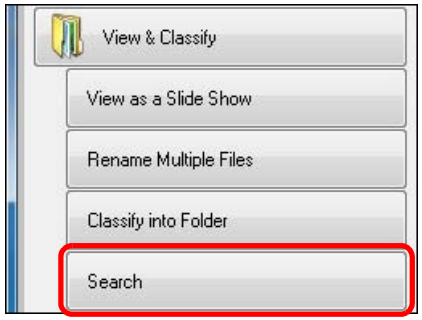
Settings for Folder Structure

Setting Item	Description
YearMonthDate	Classifies images by creating a first-level folder according to shot year/month/date.
Year\YearMonthDate	Classifies images by creating a second-level folder for the shot year, and the month and date.
Year\Month\ YearMonthDate	Classifies images by creating a third-level folder for the shot year, the month, and the date.

Searching for Images

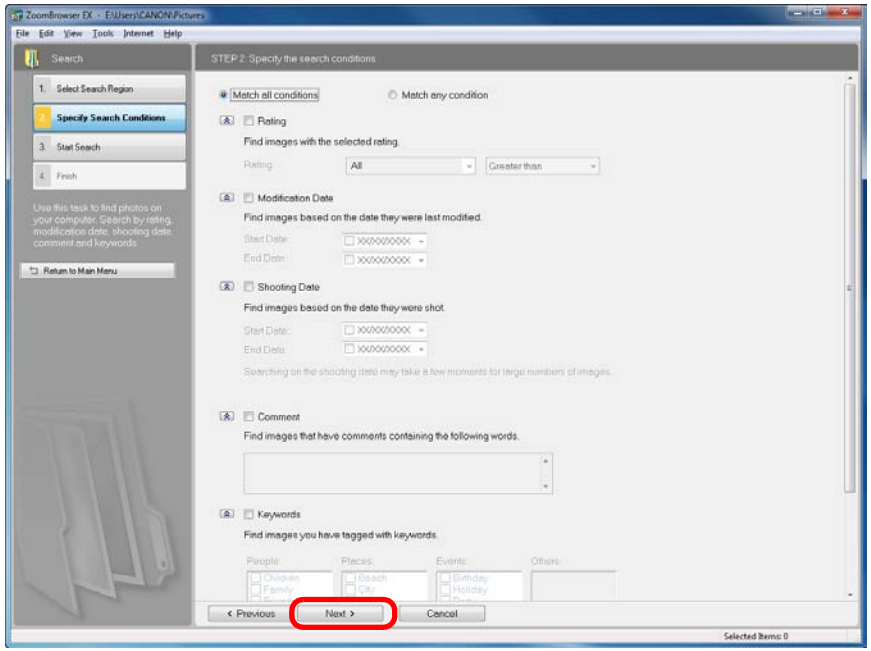
You can search for images by ratings (p.23), shot date, update, comments (p.65) and keywords (p.65).

1 Click the buttons [View & Classify] ▶ [Search].



➜The [Search] window appears.

2 Specify the search criteria and then click the [Next] button.



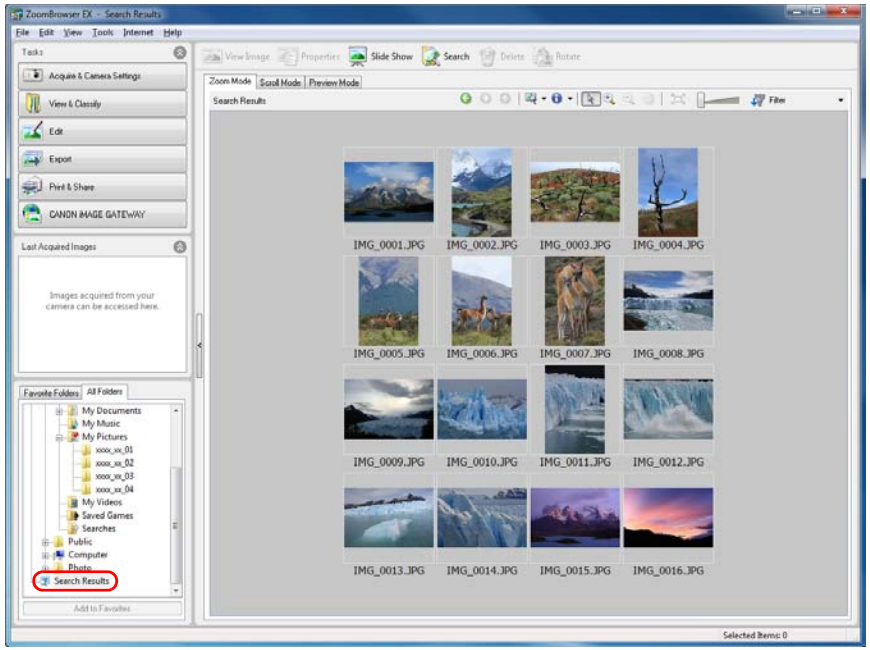
➜The search begins and the images that match the criteria are displayed.

3 Click the [Finish] button to close the search results window.

➜The display returns to the main window.

4 Check the searched images in the main window.

- The searched images are displayed as [Search Results] in the folder area in the main window. If you select this folder, the searched images are displayed.



- The images inside the [Search Results] folder are stored until you either perform another search or exit ZB.
- Any work you do on images inside the [Search Results] folder will be applied to all the original images. Therefore, please be aware that if you edit or delete images inside the [Search Results] folders, the original images will be edited or deleted also.

You can click the [Search] button in the main window and display the [Search] window.

Performing Advanced Editing

This section explains image editing using high-level functions based on the assumption that you are familiar with handling standard image editing software.

JPEG images deteriorate slightly when edited and saved, and the image before editing cannot be recovered. For this reason, an edited JPEG image should be saved as a separate image from the original image.

You can edit RAW images in Digital Photo Professional (hereinafter, “DPP”). Select the RAW image in the Main Window and click the buttons [Edit] ▶ [Digital Photo Professional Process RAW images], which will start up DPP. For detailed instructions on using DPP, refer to “Digital Photo Professional Instruction Manual” (PDF electronic manual).

Adjusting the Color of an Image in RGB

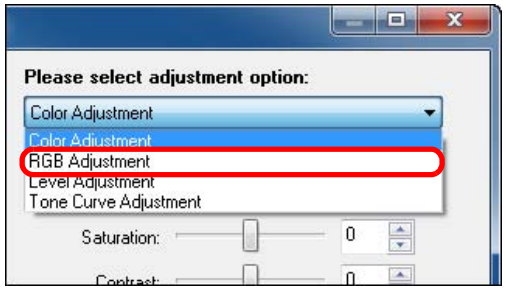
You can adjust the color of an image in RGB (red, green, blue).

1 Select an image and display the [Edit Image] window (p.32)**.**

2 Select [Color/Brightness Adjustment] and then click the [Finish] button.

➜The [Color/Brightness Adjustment] window appears.

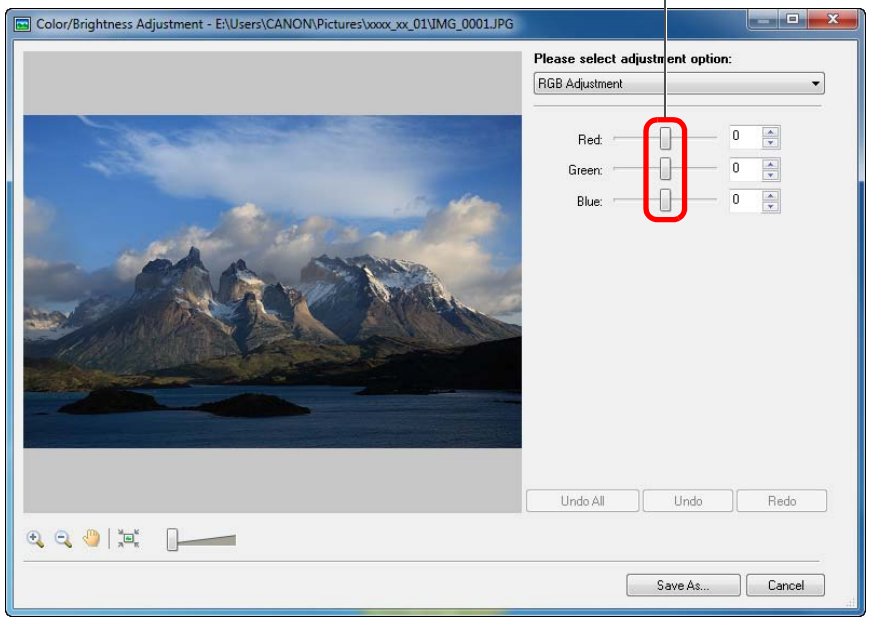
3 From the list box, select [RGB Adjustment].



➜The window switches to the [RGB Adjustment] window.

4 Adjust the image.

Drag to the left or right to adjust



➜The image is adjusted.

5 Click the [Save As] button and save as a separate image (p.34)**.**

Adjusting the Brightness Level

You can adjust the level of brightness (balance).

1 Select an image and display the [Edit Image] window (p.32).

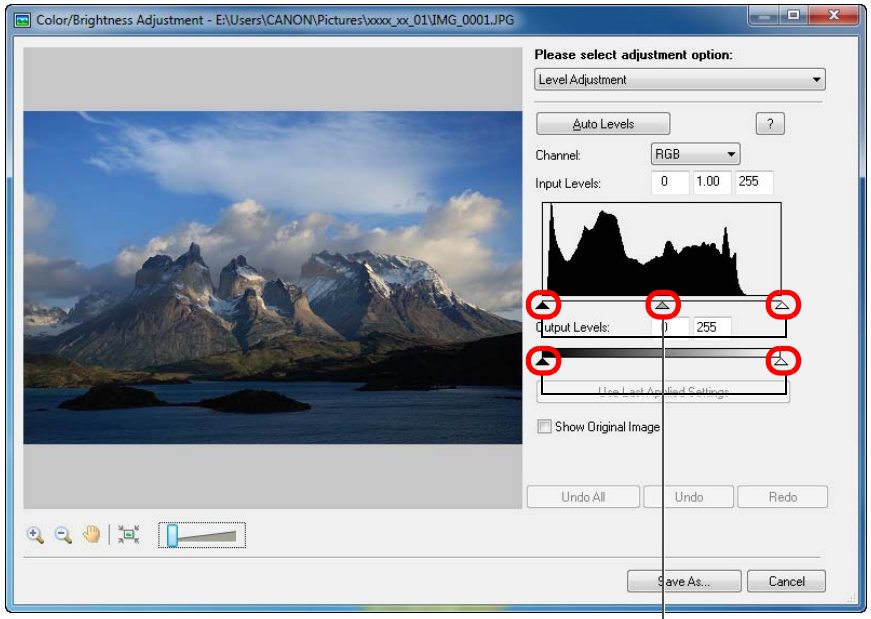
2 Select [Color/Brightness Adjustment] and then click the [Finish] button.

➜The [Color/Brightness Adjustment] window appears.

3 From the list box (p.69), select [Level Adjustment].

➜The window switches to the [Level Adjustment] window.

4 Adjust the image.



Drag to the left or right to adjust

➜The image is adjusted.

5 Click the [Save As] button and save as a separate image (p.34).

Adjusting the Tone Curve

You can adjust the brightness, contrast and color of a specific area by changing the tone curve.

1 Select an image and display the [Edit Image] window (p.32).

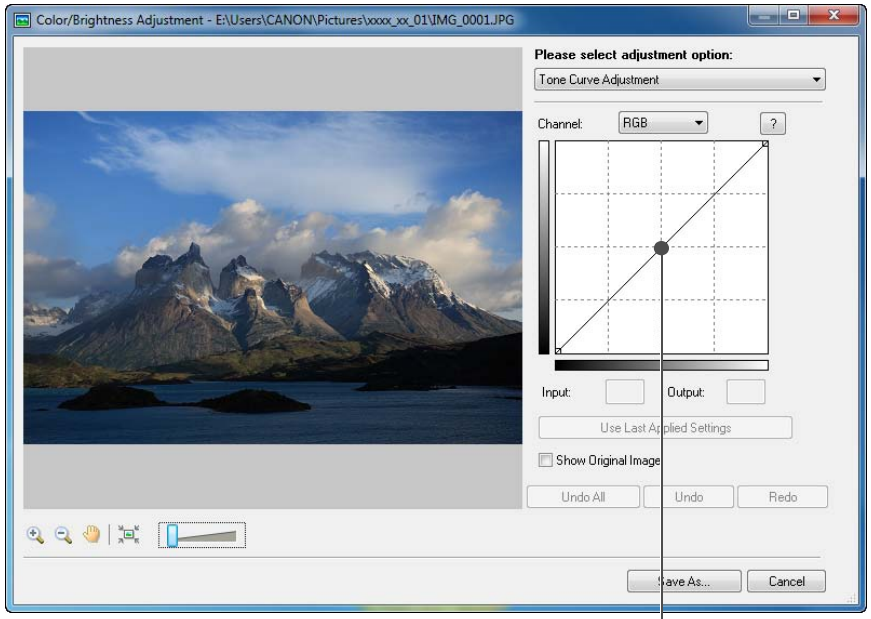
2 Select [Color/Brightness Adjustment] and then click the [Finish] button.

➜The [Color/Brightness Adjustment] window appears.

3 From the list box (p.69), select [Tone Curve Adjustment].

➜The window switches to the [Tone Curve Adjustment] window.

4 Adjust the image.



Click to add a [■] (point)
Adjust by dragging [■]

➜The image is adjusted.

- The horizontal axis shows the input level and the vertical axis shows the output level.
- The maximum number of [■] is 10.
- To delete a [■], either press the < Del > key on the keyboard or double-click on the [■].

5 Click the [Save As] button and save as a separate image (p.34).

Unsharpening an Image

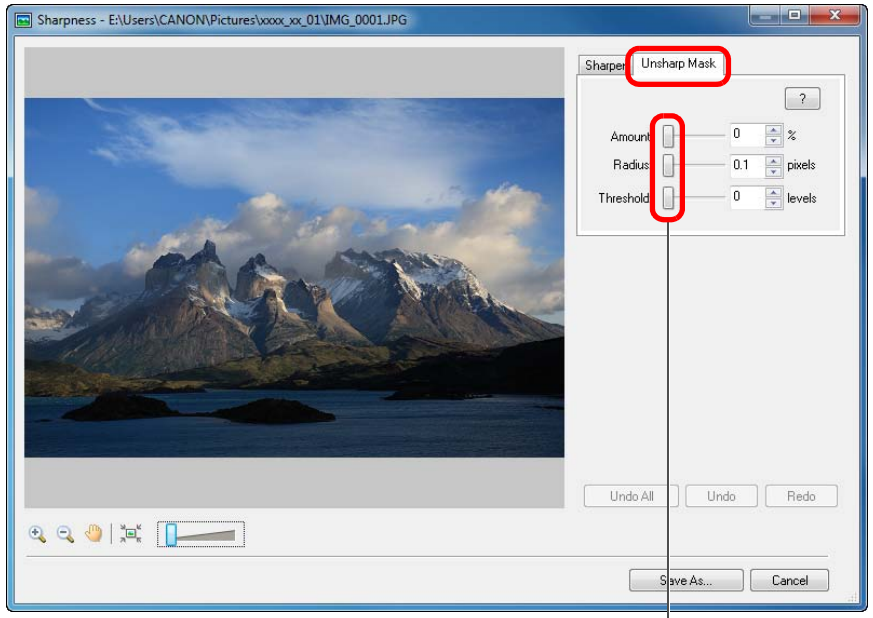
You can set amount, radius and threshold values and adjust sharpness.

1 Select an image and display the [Edit Image] window (p.32).

2 Select [Sharpness] and then click the [Finish] button.

➜The [Sharpness] window appears.

3 Select the [Unsharp Mask] tab sheet and adjust.



Drag right to adjust

➜The image is adjusted.

4 Enlarge the window and check the adjustments (p.33).

5 Click the [Save As] button and save as a separate image (p.34).

Transferring Images to Other Image Editing Software

You can transfer images to image editing software other than ZB.

1 Select an image and display the [Edit Image] window (p.32).

2 Select [Edit with external image editor].

3 Click the [Manage List] button and then register the image editing software.

- Select the image editing software in the window that appears.

4 In the [Edit with external image editor] list box, select the registered image editing software.

5 Click the [Finish] button.

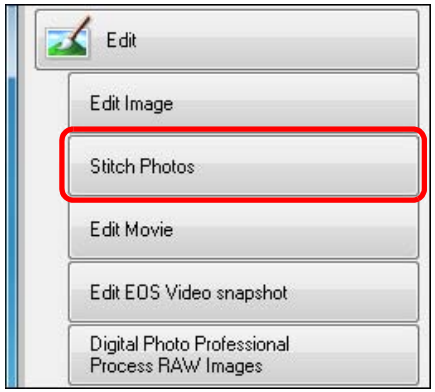
➜The software selected in step 4 starts up and the image selected in step 1 is displayed.

Merging Images to Create Panorama Images

You can merge up to four JPEG images to create panorama images. For merging images, start up the image-merging software “PhotoStitch” from ZB and use.

1 Select multiple images to merge (p.11).

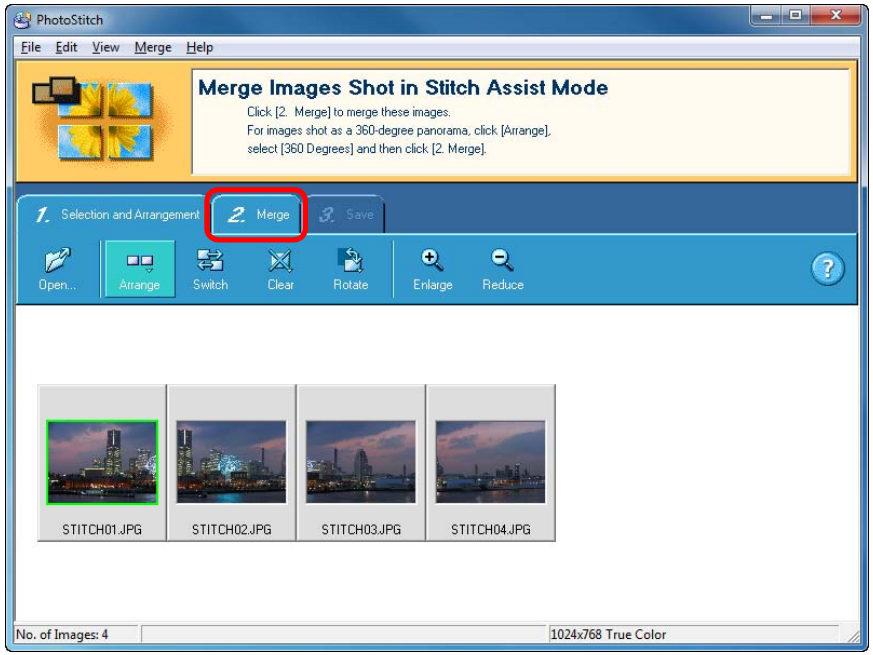
2 Click the buttons [Edit] ▶ [Stitch Photos].



➜PhotoStitch starts up and the main window appears.

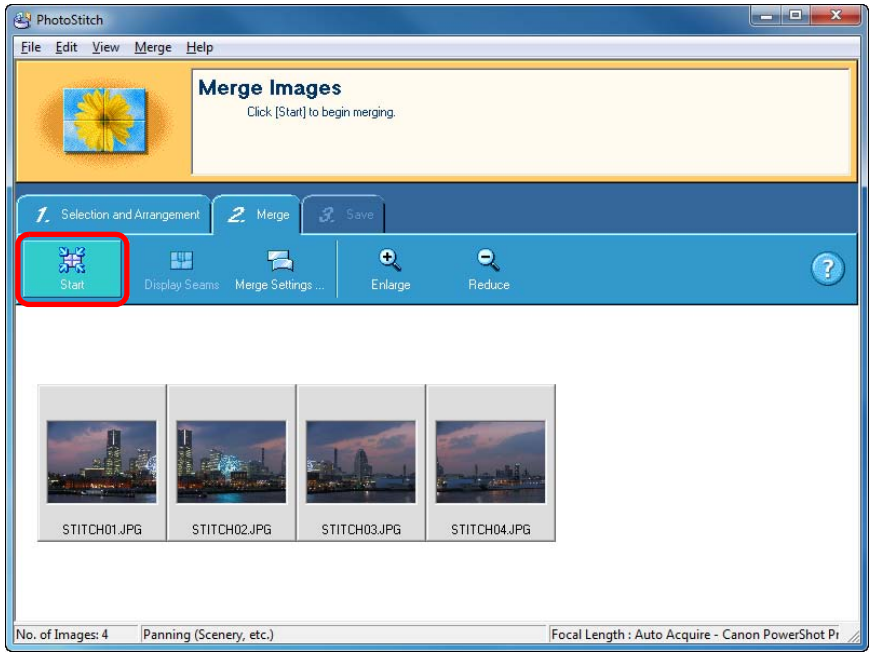
3 Check the arrangement of the images to be merged and click the [2. Merge] tab sheet.

- If the arrangement of the images to be merged is not correct, drag the images to rearrange them.



➜The window switches to the [2. Merge] tab sheet.

4 Click [Start] to merge.

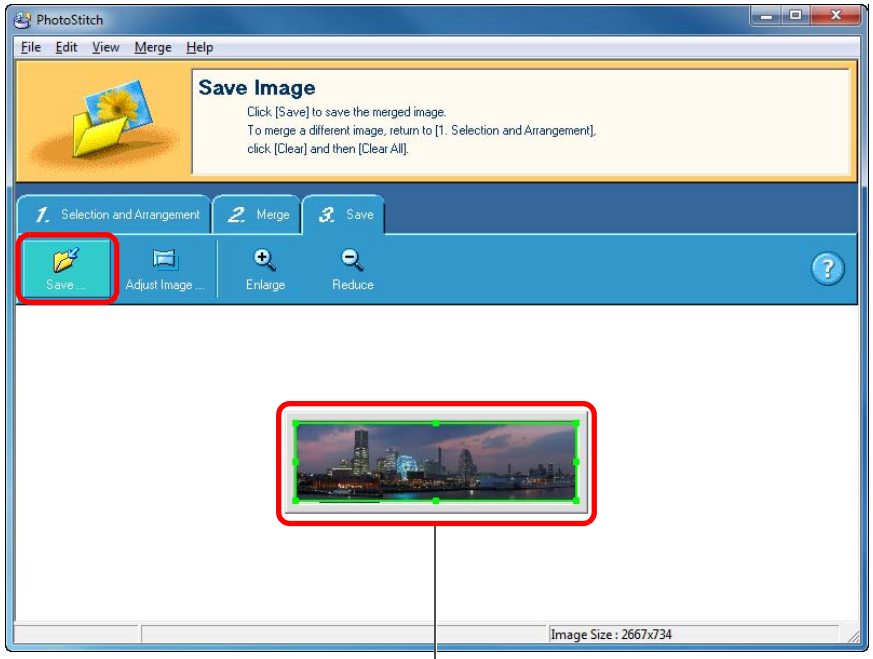


➜The images are merged and displayed.

5 Click the [3. Save] tab sheet.

➜The display switches to the [3. Save] tab sheet.

6 Check the save range and then click [Save].



Save range
Drag [■] to change the range

➜The [Save As] dialog box appears.

7 Specify the save destination and then click the [Save] button.

➜The merged images are saved.

8 Select the [File] menu ▶ [Exit].

➜PhotoStitch exits.

See also the Help that are displayed when you click [?] on the right of the window for information on operating PhotoStitch and PhotoStitch functions.

Adding Sound to Images/Playing Back

You can add sound to images and play back sound which you have added to images with a camera that has a sound record function.

Adding Sound to Images

You can add WAVE sound files to images (extension ".WAV").

1 Select an image to which you want to add sound.

2 Select the [Edit] menu ▶ [Add/Remove Sound].

➜The [Sound] dialog box appears.

3 Click the [Add] button and select the sound file to be added to the image.

● Select a WAVE sound file.

➜The display returns to the [Sound] dialog box.

4 Click the [OK] button to close the dialog box.

➜The [♪] icon is displayed on images to which sound has been added.

Playing Back Sound

You can play back sound files that are attached to images.

1 Select an image to which a [♪] icon is attached.

2 Select the [Edit] menu ▶ [Play Sound].

➜The sound is played back.

Printing Using Other Printing Software

You can start up printing software installed on your computer from within ZB and print images.

1 **Select an image you want to print.**

2 **Click the buttons [Print] ▶ [Print Using Other Software].**

➜The [Print Using Other Software] window appears.

3 **Select the printing software and then click the [Launch] button.**

➜The printing software starts up and the image you selected in step 1 is displayed.

4 **Make the necessary settings in the printing software and print.**

? Printing software does not appear

Printing software that is incompatible with ZB does not appear in the [Print Using Other Software] window and can therefore not be used to print.

4 Preferences

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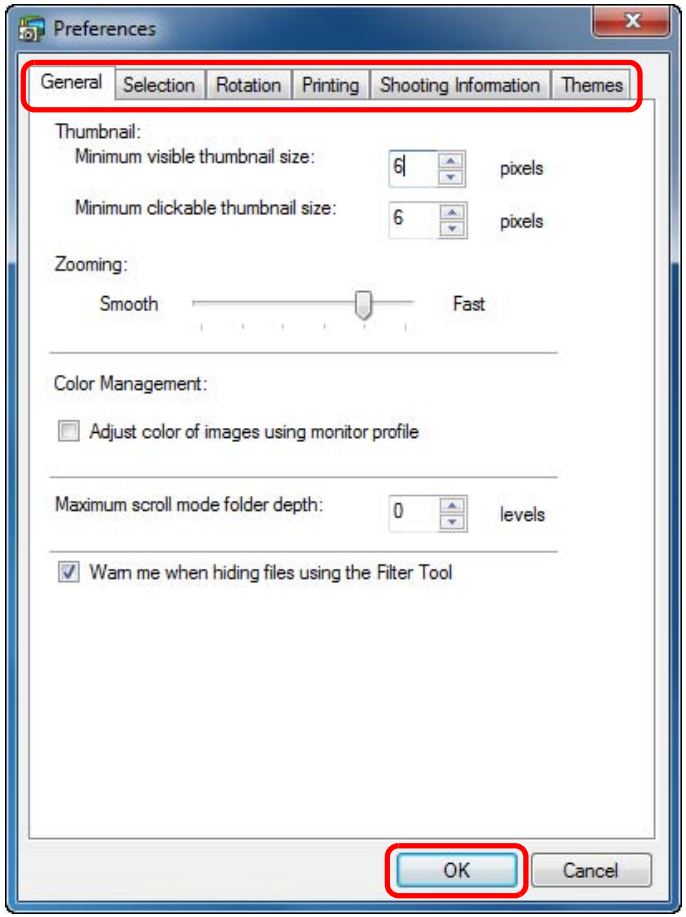
Preferences

You can change any of the ZB functions in the preferences window.
Check the settings displayed for each window before making changes.

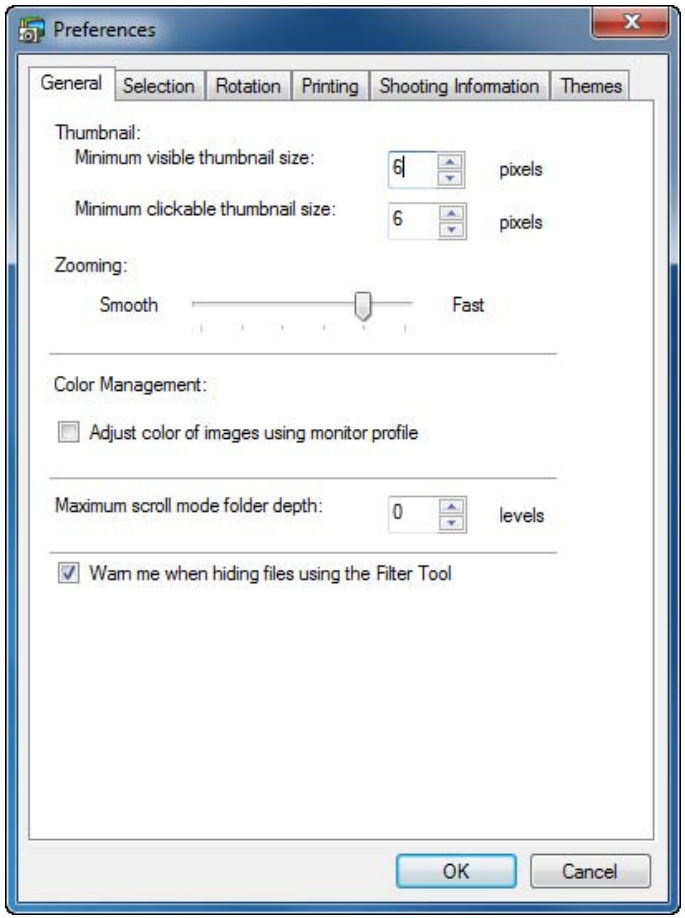
1 Select the [Tools] menu ▶ [Preferences].

2 Select the tab sheet to be set, make changes to the settings and then click the [OK] button.



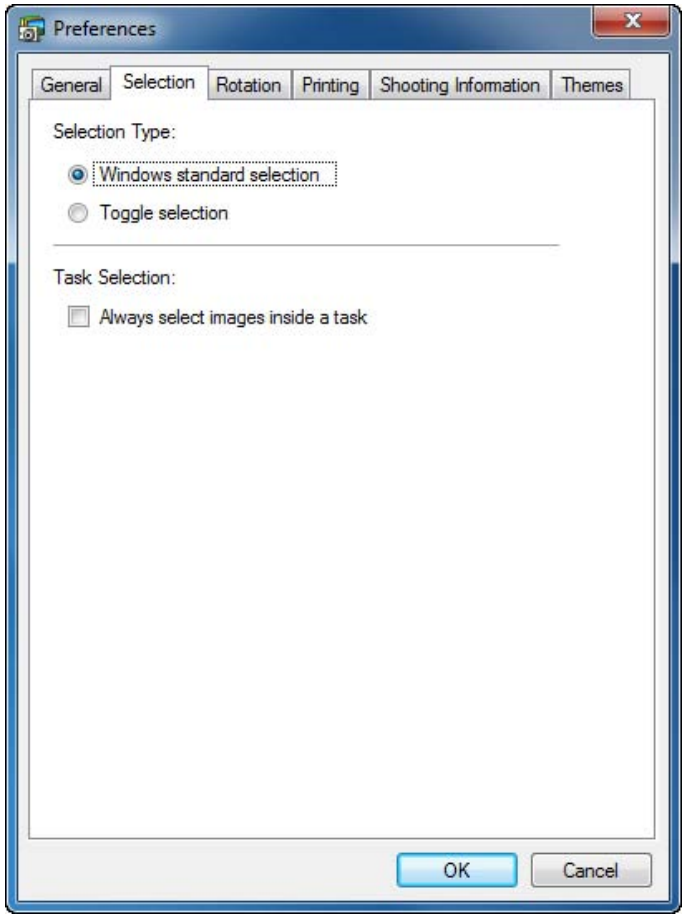
General Settings

You can make settings such as adjusting the minimum size of thumbnail images that are displayed in the main window, the speed of Zoom Mode (p.88), the levels of image and folder display in Scroll Mode (p.89) and color management.



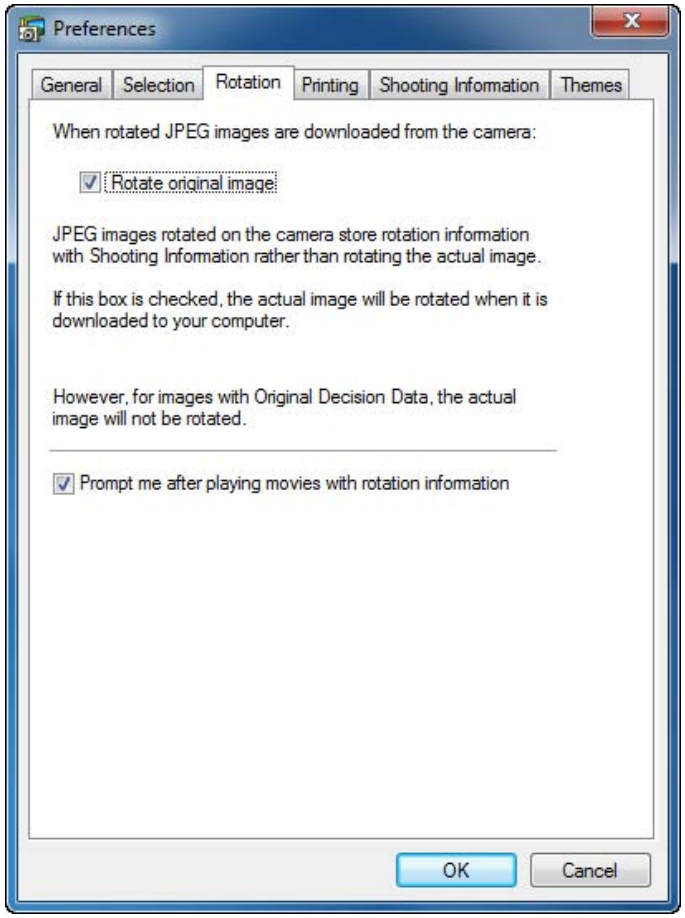
Selection Settings

You can make settings related to image selection.



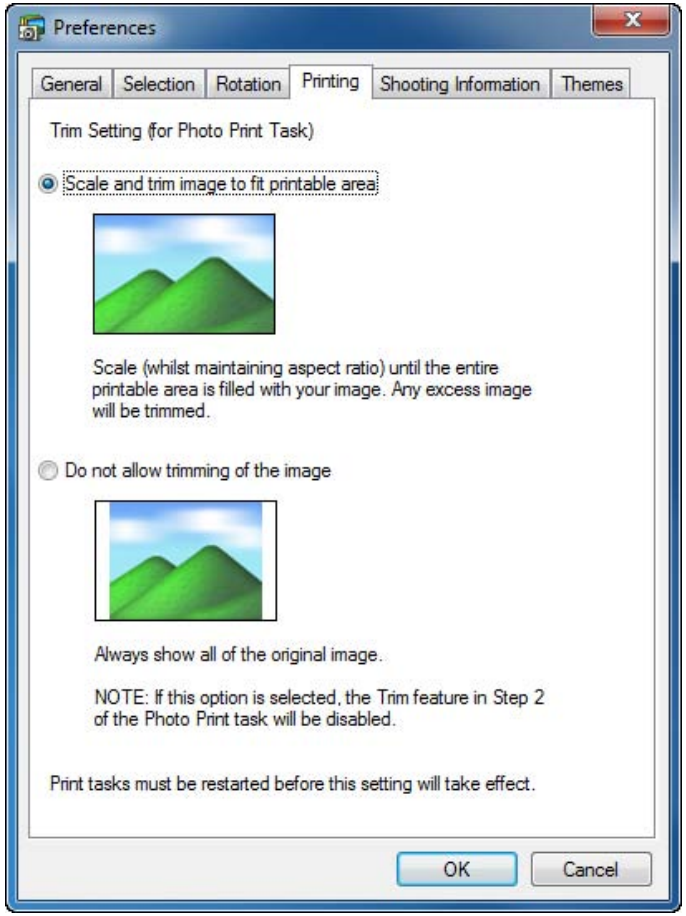
Rotation Settings

You can make settings related to image rotation.


Preferences
General
Selection
Rotation
Printing
Shooting Information
Themes
When rotated JPEG images are downloaded from the camera:
Rotate original image
JPEG images rotated on the camera store rotation information with Shooting Information rather than rotating the actual image.
If this box is checked, the actual image will be rotated when it is downloaded to your computer.
However, for images with Original Decision Data, the actual image will not be rotated.
Prompt me after playing movies with rotation information
OK
Cancel

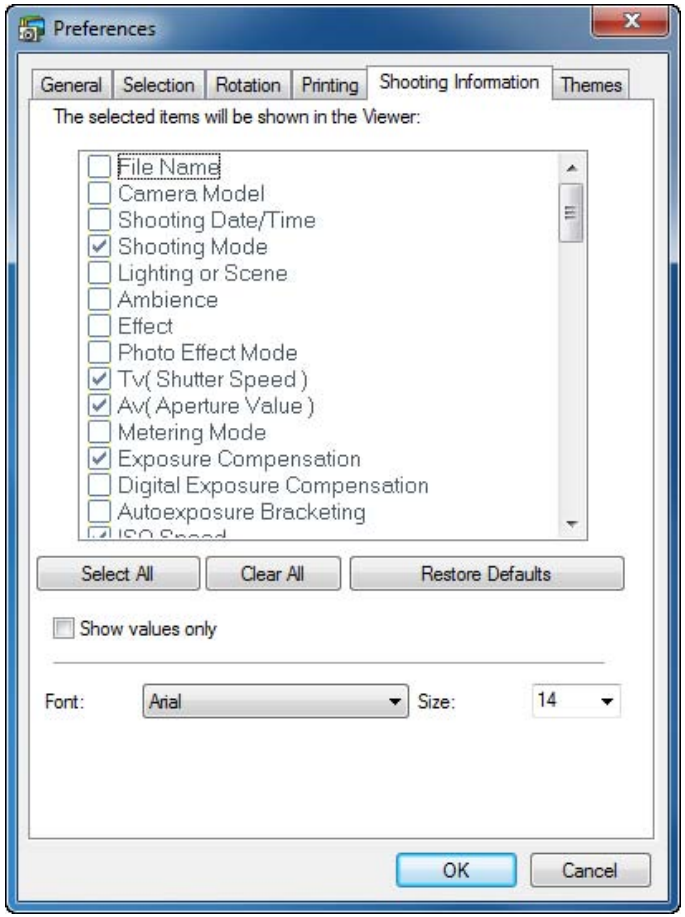
Printing Settings

If you are printing with the [Photo Print] window (p.17), you can set whether to trim the image and print with no borders around the paper, or to print as is without trimming.


Preferences
General
Selection
Rotation
Printing
Shooting Information
Themes
Trim Setting (for Photo Print Task)
Scale and trim image to fit printable area
Scale (whilst maintaining aspect ratio) until the entire printable area is filled with your image. Any excess image will be trimmed.
Do not allow trimming of the image
Always show all of the original image.
NOTE: If this option is selected, the Trim feature in Step 2 of the Photo Print task will be disabled.
Print tasks must be restarted before this setting will take effect.
OK
Cancel

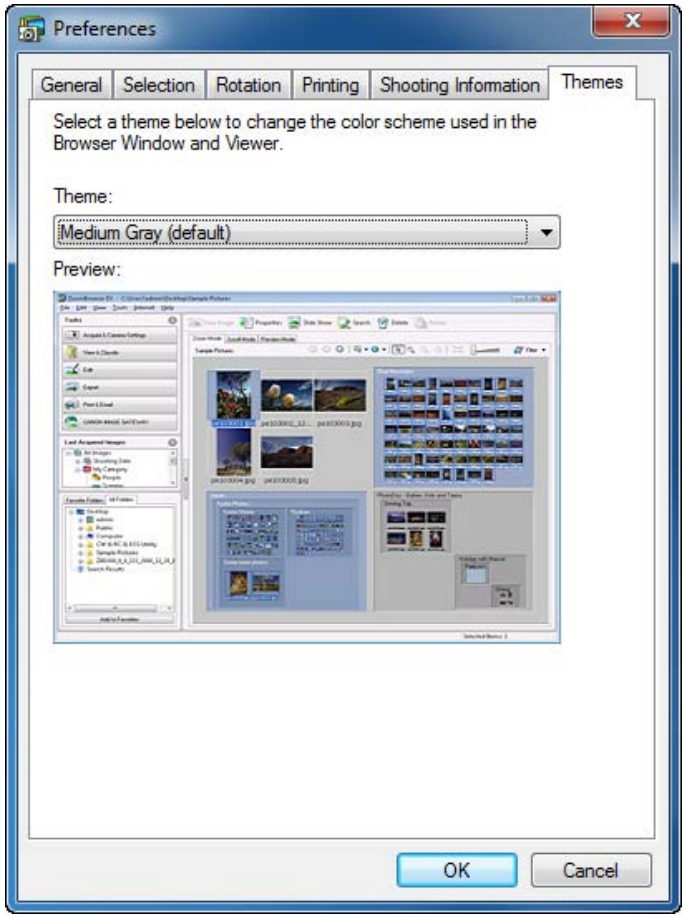
Shooting Information Settings

You can set the information that is displayed when you click [ ] (shooting information display) in the viewer window (p.91).



Themes Settings

You can set the background color for the main window.



Showing/Hiding Task Buttons

You can show or hide task buttons displayed on the left of the main window according to your requirements. Hiding buttons you do not use makes operating ZB easier.

1 **Select the [Tools] menu ▶ [Customize].**
➔The [Customize] dialog box appears.

2 **Remove the check mark from the buttons you want to hide.**

3 **Click the [OK] button to apply your changes.**

4 **Restart ZB for the settings to be applied.**

5 Using Images on the Internet

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Using CANON iMAGE GATEWAY 83
Membership Registration..... 83
Displaying the Top Page of CANON iMAGE GATEWAY 83
Uploading Images in a CANON iMAGE GATEWAY Album 84
Displaying a Registered CANON iMAGE GATEWAY Album 84

Uploading a Movie to YouTube

You can upload movies saved in your computer to YouTube.

1 Select a movie to upload in the main window.

2 Click the buttons [Print & Share] ▶ [Upload movies to YouTube].

➜The [Upload Movies to YouTube] window appears.

3 Select the movie from [List], enter the title and other information, and click the [ ] (Upload) button.

➜The [YouTube login] window appears.

4 Enter your YouTube username and password and click the [Login] button.

- Smooth operation is not guaranteed with regard to future YouTube specifications or specification changes.
- Uploadable movies can be up to 10 minutes long and have a file size of up to 1 GB.
- You cannot upload movies that you have edited on your computer (except Video Snapshot Albums).
- An environment enabling Internet access (subscription with a provider as well as installed browser software, an in-place line connection, etc.) is required.
- Provider connection fees and transmission fees to provider access points are incurred separately.

Using CANON iMAGE GATEWAY

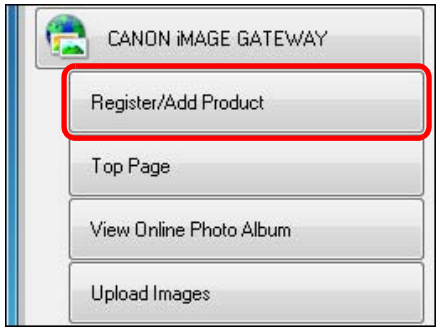
CANON iMAGE GATEWAY is a free Internet online service restricted to users who have purchased a Canon digital camera (no membership or annual fee).
To connect to CANON iMAGE GATEWAY, it is necessary to register as a member beforehand. Insert the EOS DIGITAL Solution Disk provided into your computer and perform registration in the CANON iMAGE GATEWAY member registration window that appears after installing the software that includes ZB. You can also use the following procedure to register as a member.
For detailed information on CANON iMAGE GATEWAY, refer to the CANON iMAGE GATEWAY Help.

To use this function, an environment enabling Internet access (subscription with a provider as well as installed browser software, an in-place line connection, etc.) is required.

Membership Registration

You can register as a member of CANON iMAGE GATEWAY.
When you have finished registering, you can also change the connection information or add cameras.

1 Register as a member.



➜The settings dialog box relating to membership registration and connection information appears.

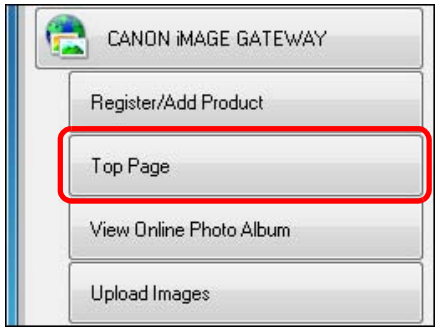
2 Click the [Register] button.

➜The browser software starts up and the CANON iMAGE GATEWAY membership registration page is displayed.
➜Perform membership registration by following the on-screen instructions.
● When you have finished registering, you can also change the connection information or add cameras.

Displaying the Top Page of CANON iMAGE GATEWAY

The CANON iMAGE GATEWAY top page is displayed with the browser software.

1 Connect to the top page.



➜The [Enter Login Details] dialog box appears.

2 Enter your user name and password and then click the [OK] button.

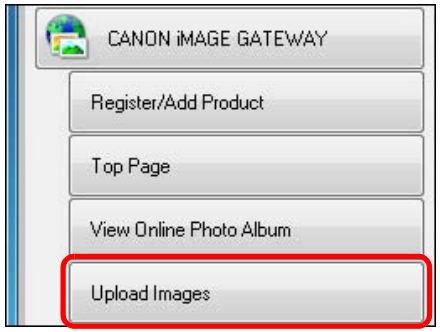
➜When the connection dialog box is displayed and connection is completed, the browser software starts up and the top page of CANON iMAGE GATEWAY is displayed.

Uploading Images in a CANON iMAGE GATEWAY Album

You can upload images selected in ZB in a CANON iMAGE GATEWAY Online photo album. You can also show images in a registered album to specified people.
The images uploaded in an album are copies, so the original images remain unaffected on your computer.

1 Select images to be uploaded in an album.

2 Connect to CANON iMAGE GATEWAY.



➜The setting dialog box relating to uploading images appears.

3 Set the size, quality of the image etc. and then click the [Next] button.

4 Enter your user name and password and then click the [Upload] button.

➜When the connection dialog box is displayed and connection is completed, the browser software starts up and the CANON iMAGE GATEWAY album page is displayed.

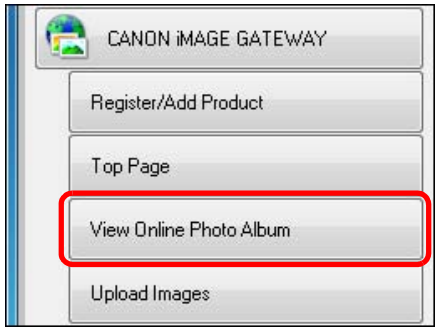
5 Create a new album.

- Follow the on-screen instructions to register the images you have selected in step 1 in a new album.

Displaying a Registered CANON iMAGE GATEWAY Album

You can display images that have been uploaded in a CANON iMAGE GATEWAY Online photo album with the browser software.

1 Display an album.



➜The [Enter Login Details] dialog box appears.

2 Enter your user name and password and then click the [OK] button.

➜When the connection dialog box is displayed and connection is completed, the browser software starts up and the CANON iMAGE GATEWAY album page is displayed.

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Troubleshooting

If ZB is not operating correctly, refer to the items below.
Also refer to the Help from the [Help] menu or click the [?] button at the top of each window and refer to the Help displayed.

Installation could not be completed correctly

- Select an administrator-level privilege ([Computer administrator], [Administrator], etc.) as user setting. You cannot install the software if a user setting other than an administrator-level privilege is selected. For detailed information on selecting an administrator-level privilege, refer to your computer User's Manual.

ZB does not work

- ZB does not operate correctly on a computer if its system requirements are not met. Use ZB on a computer with compatible system requirements (p.87).
- Even if your computer has the RAM capacity (memory) described in the system requirements (p.87), if other applications are running at the same time as ZB, you may not have sufficient RAM (memory). Exit any applications other than ZB.

Images do not display properly

- Images that are not supported by ZB (p.87) do not display. There are various types of JPEG and TIFF images, so JPEG images other than Exif 2.2, 2.21 or 2.3 compatible images and TIFF images other than Exif compatible images may not display properly.
- With initial settings, the color of images that have been shot in Adobe RGB appear weak. In this case, check the [General] tab sheet in preferences and checkmark [Adjust color of images using monitor profile] (p.77). Color management is performed and the color of the image shot with an Adobe RGB setting and the image shot with an sRGB setting are matched.

Deleting the Software (Uninstalling)

- Exit any applications before uninstalling the software.
- Log in under an administrator-level privilege when uninstalling the software.
- To prevent computer malfunctions, always restart your computer after you have uninstalled the software. Re-installing the software without first restarting your computer is particularly likely to result in computer malfunctions.

1 Select the [ ] button ([Start] button in Windows XP) ▶ [All Programs] ▶ [Canon Utilities] ▶ [ZoomBrowser EX] ▶ [ZoomBrowser EX Uninstall].

2 Proceed with the uninstallation as directed by the on-screen messages.

➜The software is uninstalled.

System Requirements

Even though the following are recommended system requirements, not all computer functions can be guaranteed.

OS	Windows 7*1 Windows Vista*2 Windows XP Professional/Home Edition*3	
Computer	PC with one of the above OS preinstalled (Upgraded machines not supported) * .NET Framework 2.0 or later is required.*4	
CPU*5	Windows 7	1.3GHz Pentium or higher
	Windows Vista	
	Windows XP	
RAM*5	Windows 7 (32bit)	Minimum 1GB
	Windows 7 (64bit)	Minimum 2GB
	Windows Vista	Minimum 1GB
	Windows XP	Minimum 512MB
Display	Screen resolution: 1024 × 768 pixels or more Color quality: Medium (16 bit) or more	

*1 Compatible with 32-bit/64-bit systems for all versions except Starter Edition

*2 Compatible with 32-bit/64-bit systems for all versions except Starter Edition

*3 Compatible with Service Pack 3

*4 .NET Framework is Microsoft software. It is installed together with ZB.

*5 Use a Core 2 Duo 2.6GHz or higher CPU and 2GB or more RAM when working with MOV movies. However, even if there is nothing wrong with a movie file, it may drop frame and not play smoothly during playback, depending on your computer specifications.

Supported Images

Image type		Extension
JPEG images	JPEG images shot with a Canon digital camera (Exif 2.2, 2.21 or 2.3-compatible JPEG images)	.JPG, .JPEG
RAW images*1	RAW images shot with a EOS DIGITAL camera excluding EOS D6000, EOS D2000, EOS DCS1, EOS DCS3	.CR2 .TIF .CRW
TIFF images	Exif-compatible TIFF images	.TIF, .TIFF
BMP images	Bitmap images	.BMP
PCD images	Photo CD images	.PCD
MOV movies	MOV movies shot with a Canon digital camera	.MOV .MOV + .THM*2
AVI movies	AVI movies shot with a Canon digital camera	.AVI + .THM*2

*1 For RAW images, the JPEG embedded in the RAW image is displayed and printed instead of the actual RAW image. In some cases, displayed and printed images may be grainy.

*2 A ".THM" file is a (thumbnail) file generated and saved together with a movie file when shooting movies with some of Canon digital cameras.
It has the same file name as the movie and includes shooting information, etc. When you play on the camera a movie file that was saved together with a ".THM" file, both the movie file and the ".THM" file are required.

List of Main Window Functions

Zoom Mode

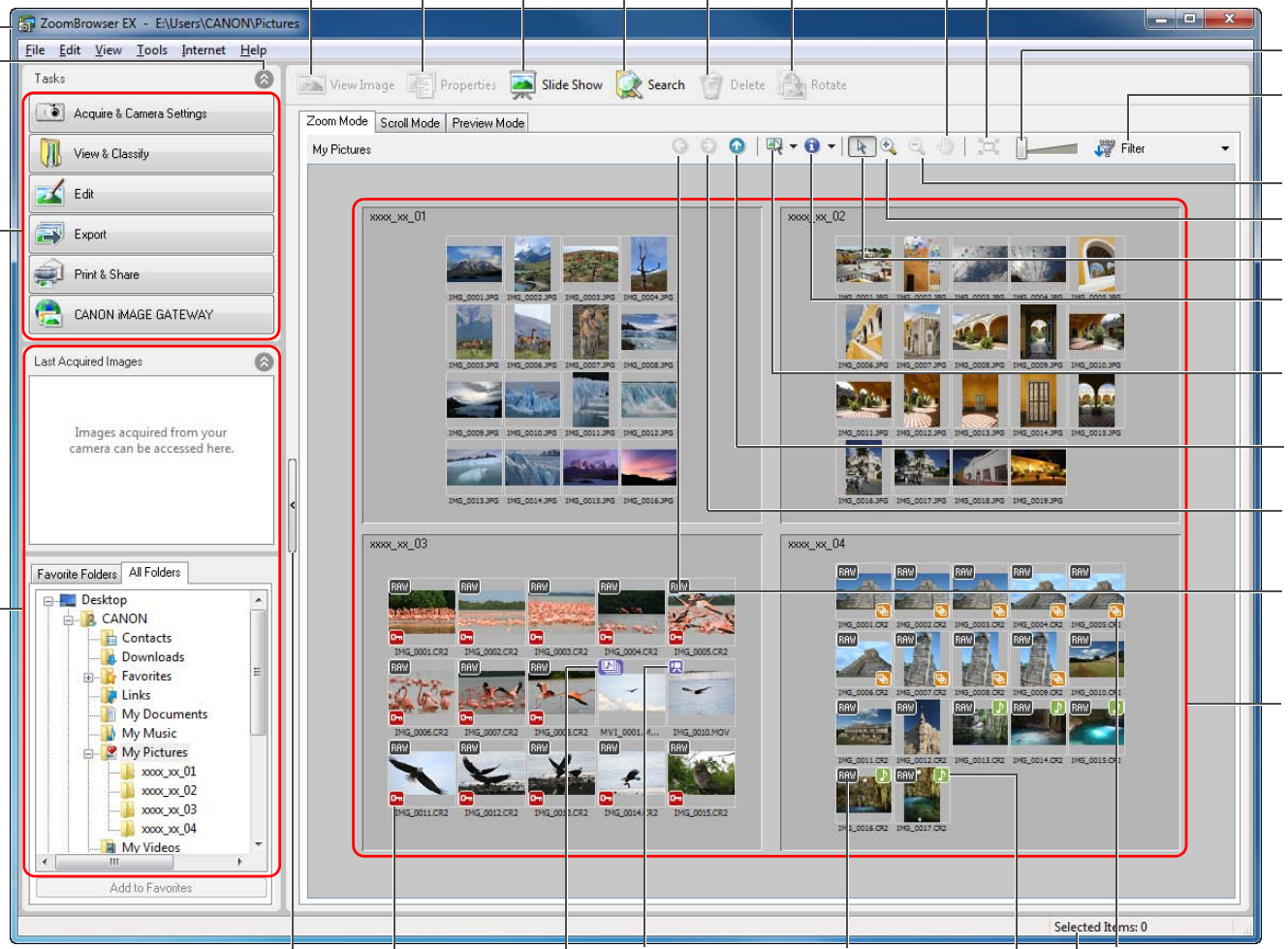


Image search (p.68)
Deletes images (p.30)
Slide show (p.48)
Rotates an image
Properties window (p.58)
Moves the enlargement display position (p.13)
Viewer window (p.91)
Full view (p.13)

Folder path
Shows/hides the task buttons
Task buttons
Folder area*

Display magnification (p.13)
Filter display (p.25)
Reduction display (p.13)
Enlargement display (p.13)
Cancels [ ], [ ] or [ ]
Shows/hides the image or folder information
Selects/deselects all the images or folders
Displays the folder one level above
Returns to the display of the folder before [ ] is clicked
Returns to the display of the folder previously displayed
Image display area

Shows/hides the task buttons and folder area
Movie icon
Video Snapshot icon
RAW image icon
Audio recording icon
Bracketing icon
Protect icon
Number of selected images

* Images in folders and folders selected here are displayed on the image display area.

Scroll Mode

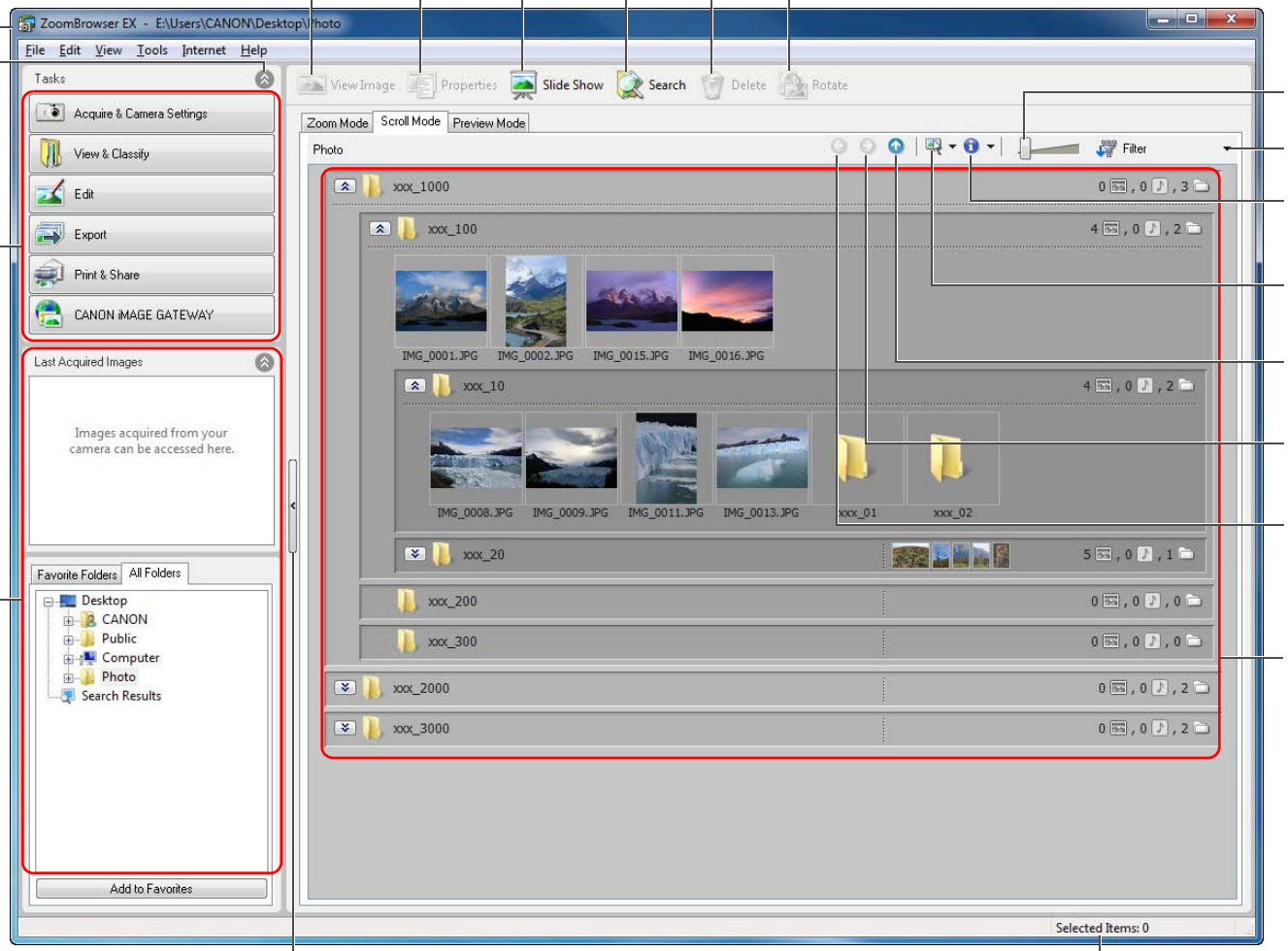


Image search (p.68)
Deletes images (p.30)
Slide show (p.48)
Rotates an image
Properties window (p.58)
Viewer window (p.91)
Folder path
Shows/hides the task buttons
Task buttons
Folder area*
Display magnification (p.13)
Filter display (p.25)
Shows/hides the image or folder information
Selects/deselects all the images or folders
Displays the folder one level above
Returns to the display of the folder before [ ] is clicked
Returns to the display of the folder previously displayed
Image display area
Shows/hides the task buttons and folder area
Number of selected images

* Images in folders and folders selected here are displayed on the image display area.

Preview Mode

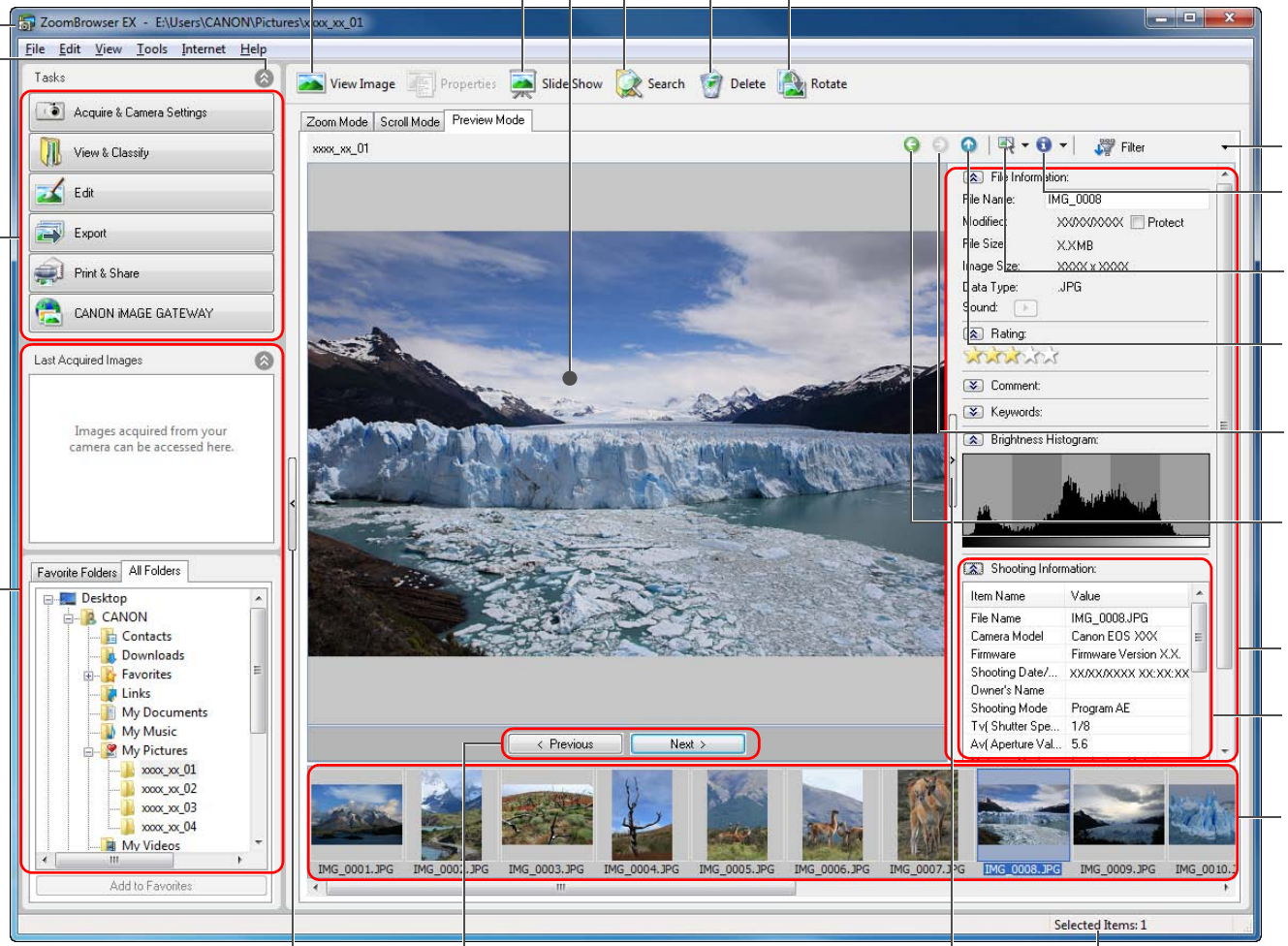
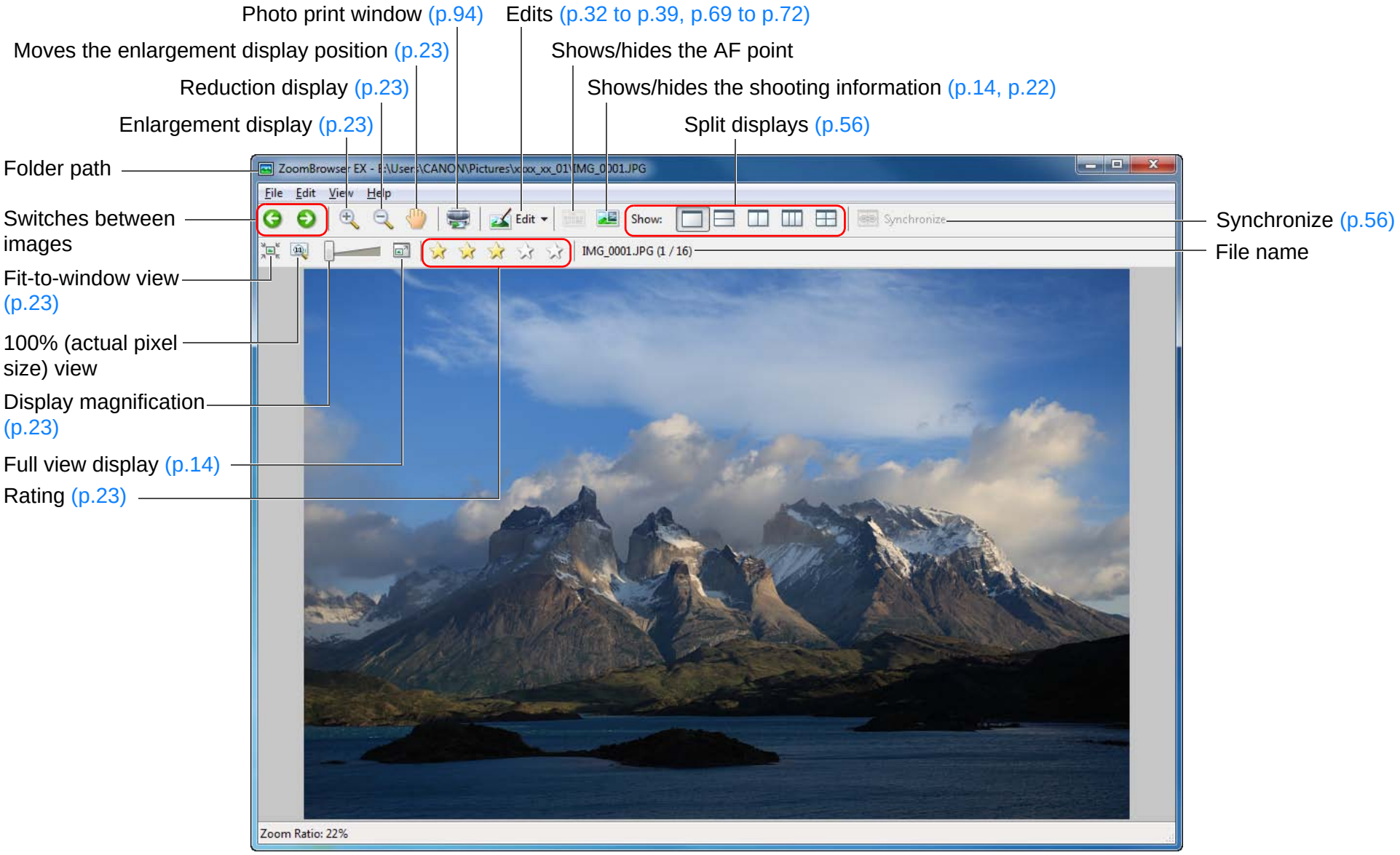


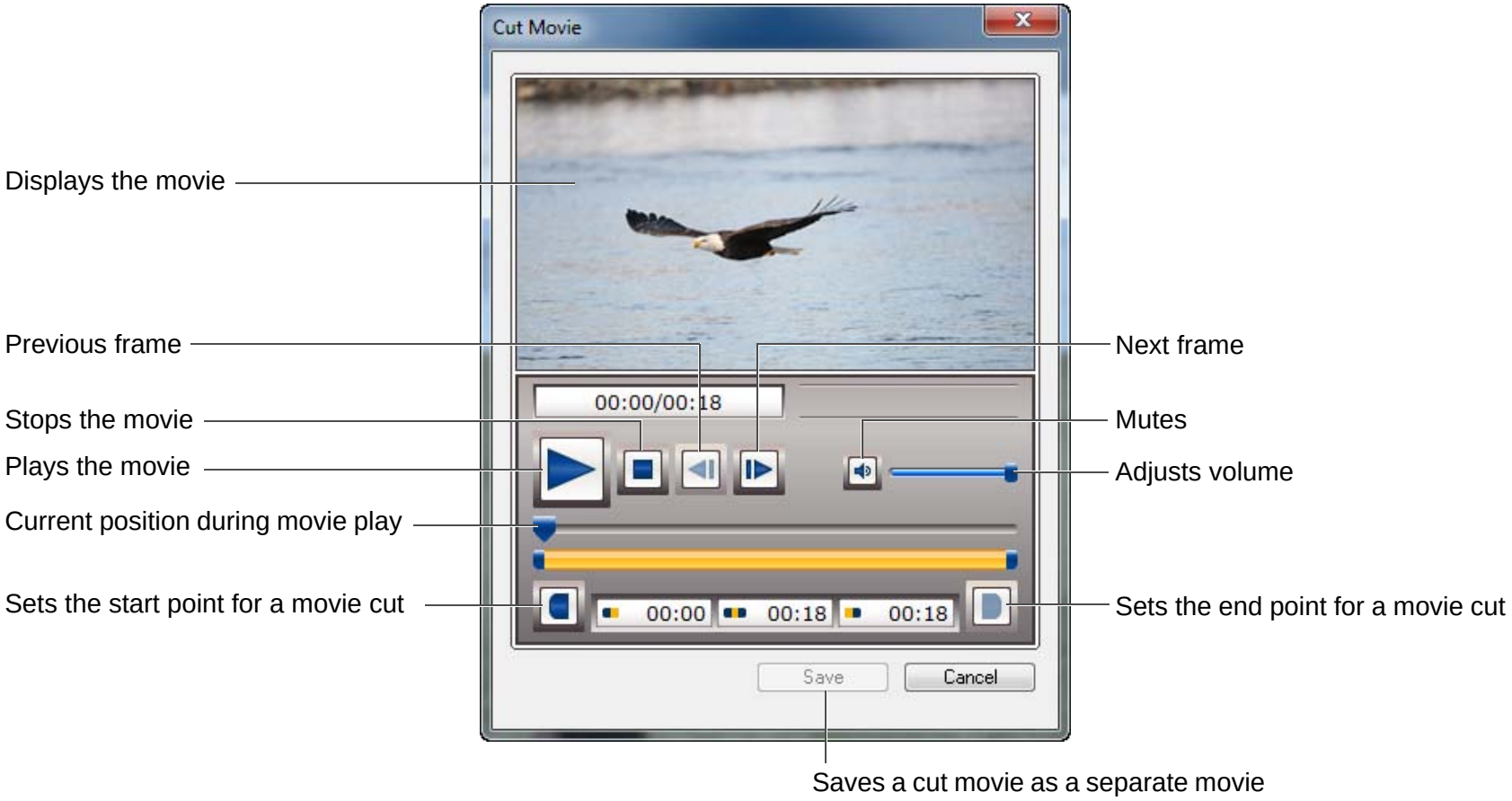
Image display area
Image search (p.68)
Slide show (p.48)
Deletes images (p.30)
Viewer window (p.91)
Rotates an image
Folder path
Shows/hides the task buttons
Task buttons
Folder area*1
Filter display (p.25)
Shows/hides the image or folder information
Selects/deselects all the images or folders
Displays the folder one level above
Returns to the display of the folder before [ ] is clicked
Returns to the display of the folder previously displayed
Information display area
Shooting information (p.58)
Thumbnail image display area*2
Shows/hides the task buttons and folder area
Switches between images
Number of selected images
Shows/hides the information display area

*1 Images in folders and folders selected here are displayed on the thumbnail image display area.
*2 Images selected here are displayed on the image display area.

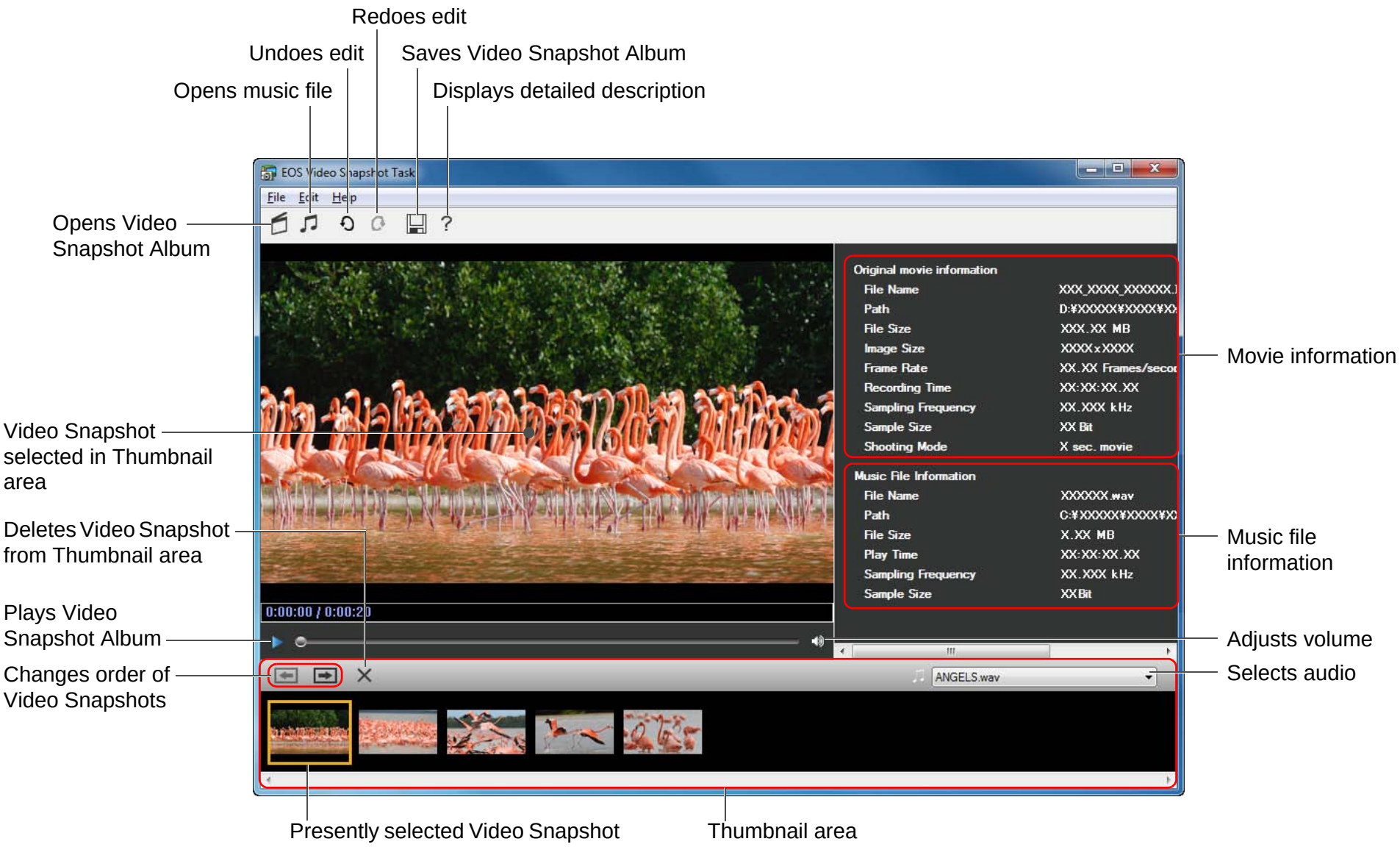
List of Viewer Window Functions



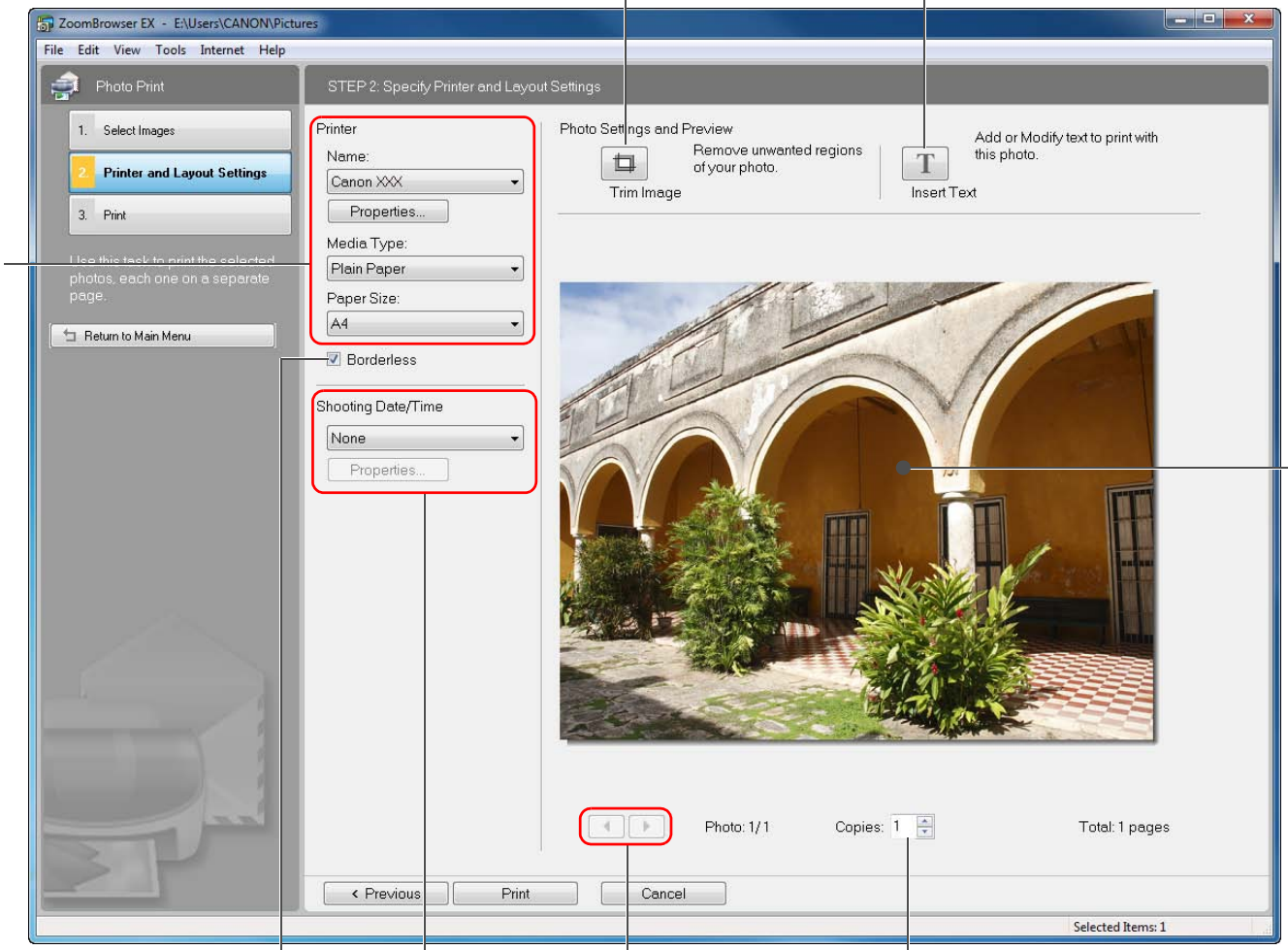
List of Cut Movie Window Functions (p.43)



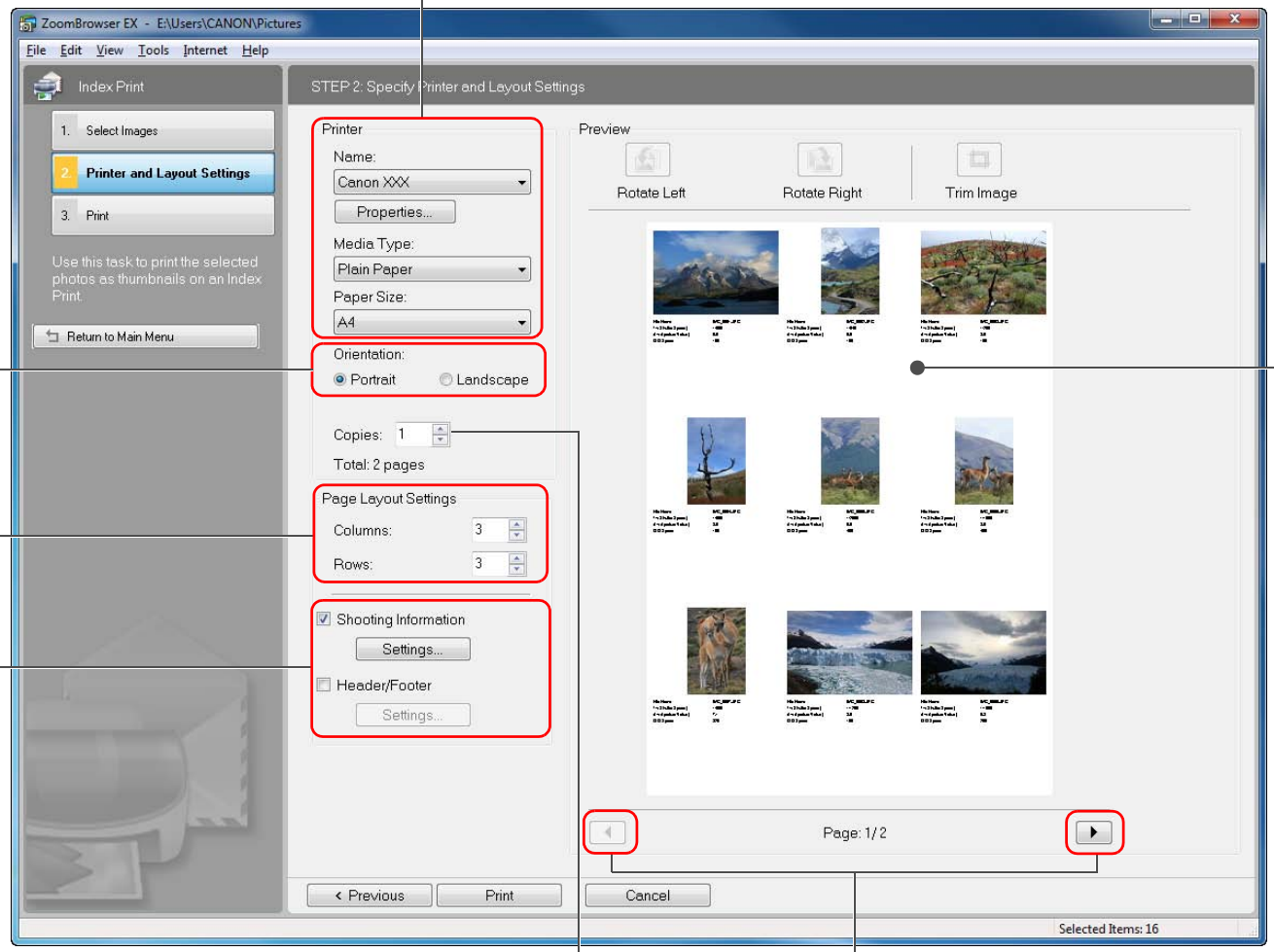
List of Video Snapshot Album Window Functions (p.45)



List of Photo Print Window Functions



List of Index Print Window Functions



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